

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil
Well ☒Gas
Well ☐Other ☐Single
Zone ☐Multiple
Zone ☐

2. Name of Operator

ANR Production Company

3. Address of Operator

P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

1034' FSL, 2464' FEL (SW $\frac{1}{4}$ SE $\frac{1}{4}$) 2-T2S-R5W

At proposed prod. zone

Same As Above

14. Distance in miles and direction from nearest town or post office*

Approximately 13 Miles North of Duchesne, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)

1034'

16. No. of acres in lease

669.68

17. No. of acres assigned
to this well

320 Two (2) Wells Per Section

18. Distance from proposed location*
to nearest well, drilling, completed,
or applied for, on this lease, ft.

3000'

19. Proposed depth

14,500' WSTC

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6787' GR

22. Approx. date work will start*

May 1, 1991

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17-1/2"	13-3/8" Steel	Conductor	0- 200'	150 sx Redimix Circ. to Surf.
12-1/4"	9-5/8" J-55	36#	0- 6,000'	900 sx Circ. to Surface
8-3/4"	7 " N-80	26#	0-13,000'	1500 sx Class "H" Nitrate Foam
6-1/8"	5 " S-95 Liner	18#	12,800-14,500'	500 sx 50/50 Pozmix

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

TECHNICAL REVIEW

Engr. 3-11-91Geol. 3-11-91Surface 3-11-91

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Dale Heitzman

Title Authorized Agent

Date 02/12/91

(This space for Federal or State office use)

API

Permit No.

43-013-31300

Approval Date

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MININGApproved by
Conditions of approval, if any:

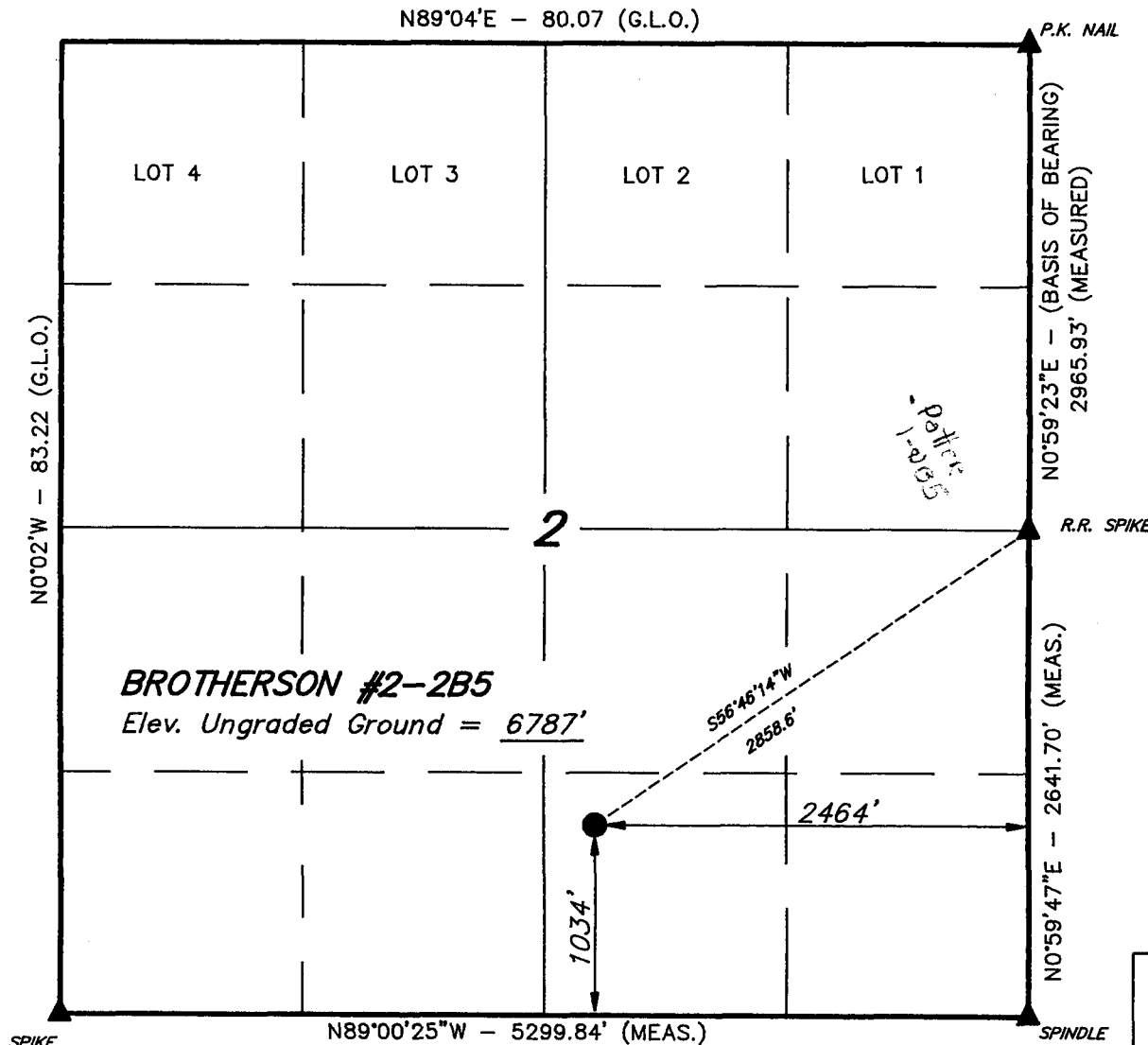
Title

DATE: 3-11-91BY: DAV MatthewsWELL SPACING: 139-42

T2S, R5W, U.S.B.&M.

ANR PRODUCTION CO.

Well location, BROTHERSON #2-2B5, located as shown in the SW 1/4 SE 1/4 of Section 2, T2S, R5W,, U.S.B.&M. Duchesne County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION ON THE EAST LINE OF SECTION 2, T2S, R5W, U.S.B.&M. TAKEN FROM THE TALMAGE QUADRANGLE, UTAH, DUCHESNE COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 743 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 12-12-90
PARTY L.D.T. G.T. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE ANR PRODUCTION CO.

▲ = SECTION CORNERS LOCATED.

ANR PRODUCTION COMPANY

#2-2B5 Brotherson
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, T2S, R5W
Duchesne County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Tertiary (Uinta/Duchesne)	Surface
Lower Green River	9,100'
Wasatch	10,500'
Total Depth	14,500'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Lower Green River-Wasatch 9,100-14,500' Oil/Gas (Primary Objective)

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

Type : 11" Double Gate Hydraulic with one (1) blind ram (above) and one (1) pipe ram (below) and 11" Annular Preventer; equipped with automatic choke manifold and 11" casing head.

Pressure Rating : 5000 psi BOP, 5000 psi choke manifold, 5000 psi Annular Preventer and 5000 psi casing head.

4. Mud Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 3,000'	Native Mud	8.5- 9.0	35-50	No Control
3,000-14,500'	Gel/Polymer	12.0-15.0	35-45	10-12 cc's/less

5. Evaluation Program:

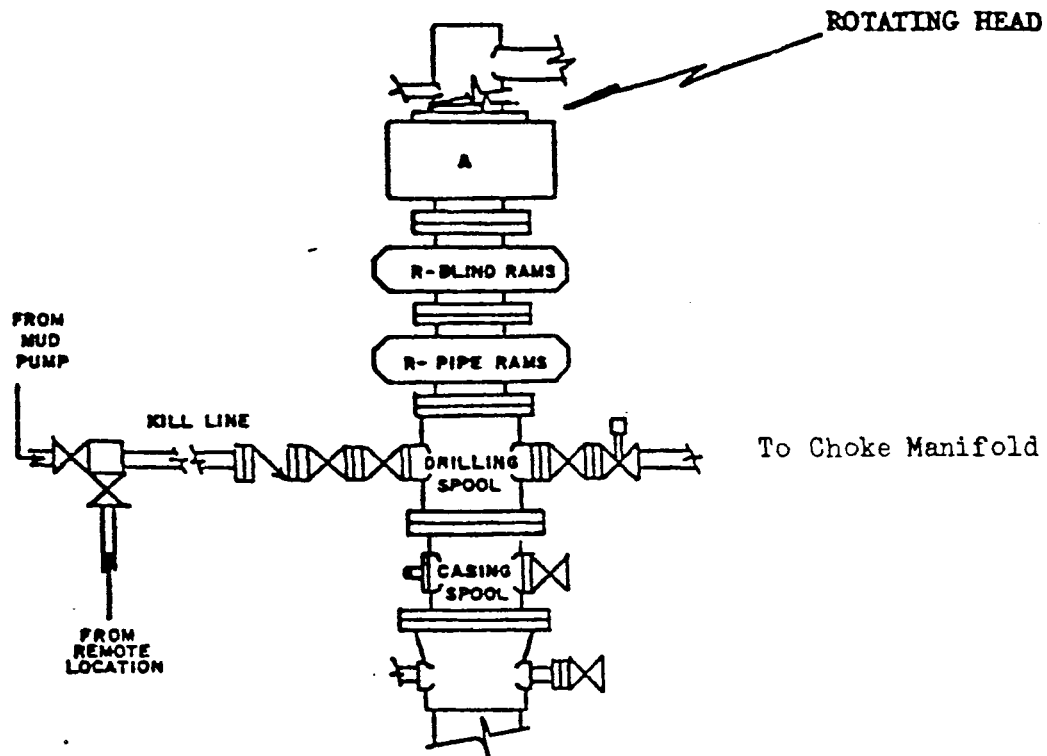
Logs : DIL-GR-SP - 14,500'-9,000'
 BHC-Sonic-GR - 14,500'-9,000'

DST's : None Anticipated.

Cores : None Anticipated.

Evaluation Program may change at the discretion of the wellsite geologist.

5,000 psi Working Pressure BOP



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

ANR PRODUCTION COMPANY

#2-2B5 Brotherson
SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 2, T2S, R5W
Duchesne County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Dalbo Trucking will supply water from the Duchesne River located in the NE $\frac{1}{4}$ Section 1, Township 2 South, Range 4 West; Water Right # 43-101-68.

2. Methods of Handling Water Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half ($\frac{1}{2}$) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will be lined.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stock-piled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the Surface Owner. Seed will be drilled on the contour to an approximate depth of $\frac{1}{2}$ inch.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

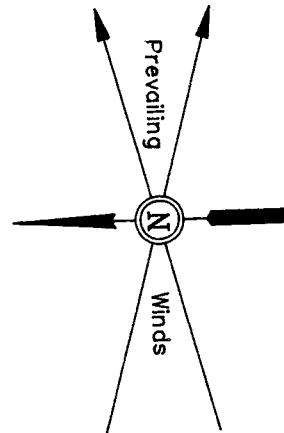
- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Spring of 1992.

4. Other Information:

- A. The surface is owned by Blaine Brotherson. Telephone: (801) 454-3891. ANR Production Company has agreed to his requirements as to the rehabilitation of the surface.

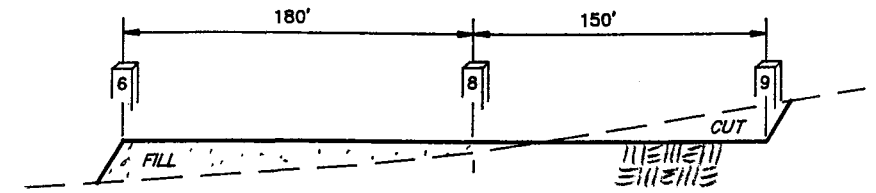
Blaine Brotherson
Talmage
Utah 84073

ANR PRODUCTION CO.
LOCATION LAYOUT FOR
BROTHERSON #2-2B5
SECTION 2, T2S, R5W, U.S.B.&M.

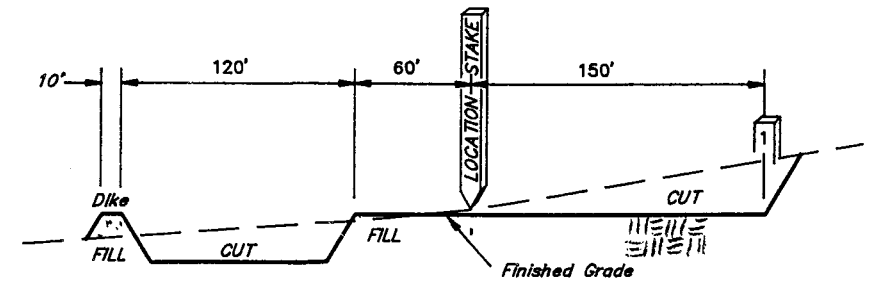


SCALE: 1" = 50'
DATE: 1-9-91
DRAWN BY: T.D.H.

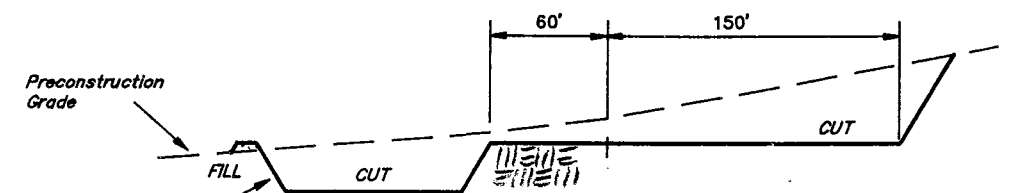
X-Section Scale
1" = 40'
1" = 100'



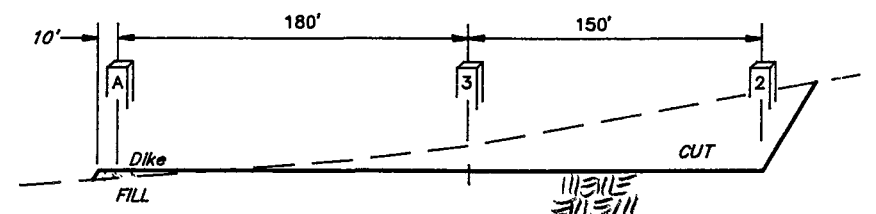
STA. 4+00



STA. 2+00



STA. 0+15



STA. 0+00

TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	2,450 Cu. Yds.
Remaining Location	=	22,760 Cu. Yds.
TOTAL CUT	=	25,210 CU.YDS.
FILL	=	6,980 CU.YDS.

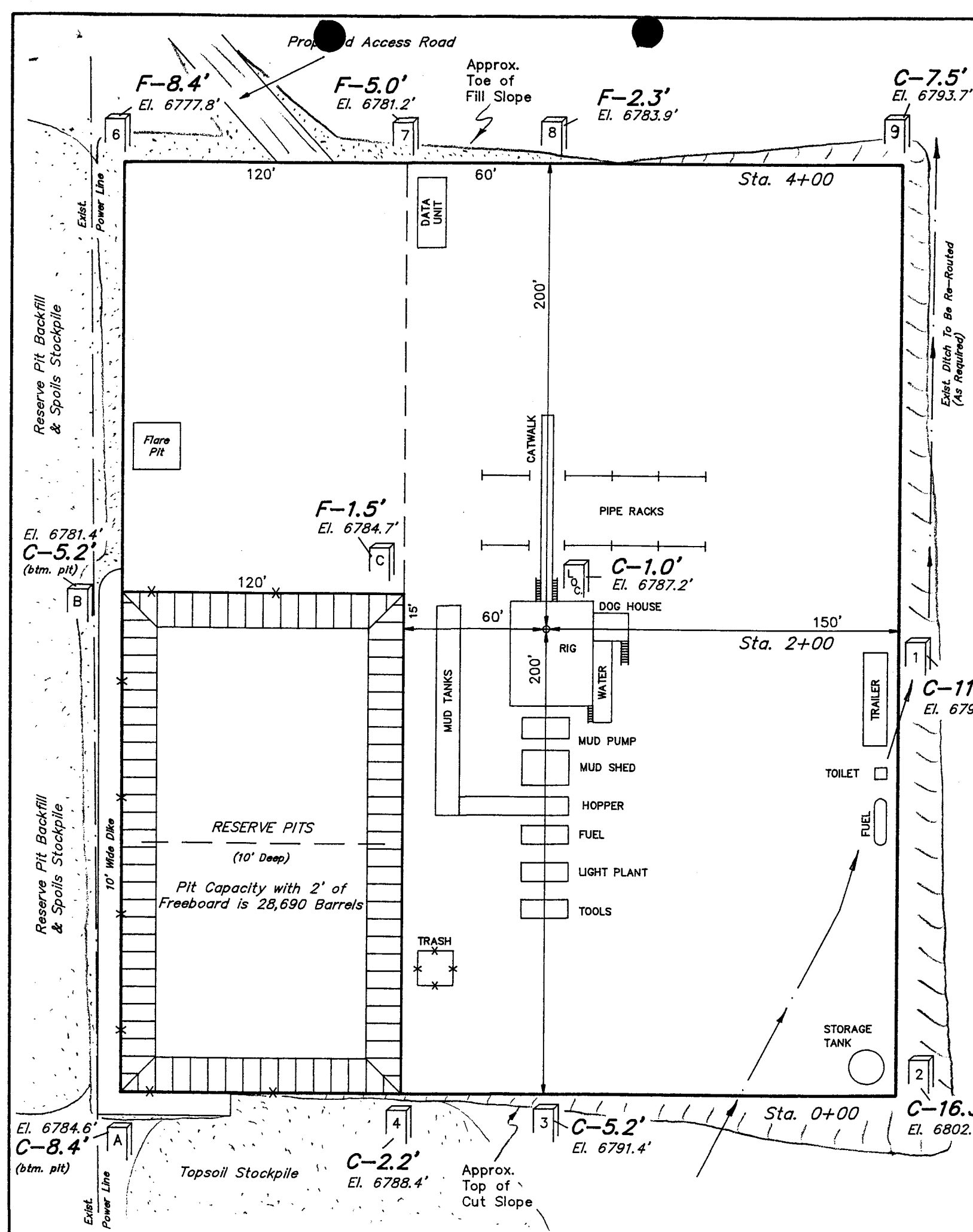
EXCESS MATERIAL AFTER 5% COMPACTION	=	17,860 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Volume)	=	6,340 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	11,520 Cu. Yds.

NOTES:

Elev. Ungraded Ground At Loc. Stake = 6787.2'
FINISHED GRADE ELEV. AT LOC. STAKE = 6786.2'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 South 200 East Vernal, Utah



BROTHERSON #2-2B5
SECTION 2, T2S, R5W, U.S.B.&M.

FILING FOR WATER IN THE STATE OF UTAH RECEIVED

Rec. by ly
 Fee Rec. 300
 Receipt # 29737
 Microfilmed _____
 Roll # _____

APPLICATION TO APPROPRIATE WATER WATER RIGHTS

SALT LAKE

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

WATER RIGHT NUMBER: 43 - 10261

APPLICATION NUMBER: T65059

1. OWNERSHIP INFORMATION:

A. NAME: Dalbo Inc.

ADDRESS: 355 South 1000 East, Vernal, UT 84078

LAND OWNED? No

INTEREST: 100%

B. PRIORITY DATE: December 3, 1990

FILING DATE: December 3, 1990

2. SOURCE INFORMATION:

A. QUANTITY OF WATER: 0.015 cfs

B. DIRECT SOURCE: Lake Fork River

COUNTY: Duchesne

C. POINTS OF DIVERSION -- SURFACE:

(1) N 400 feet E 1900 feet from SW corner, Section 9, T 1S, R 4W, USBM

DIVERT WORKS: Pumped into tank trucks

SOURCE: Lake Fork River

(2) S 600 feet W 100 feet from NE corner, Section 34, T 1S, R 4W, USBM

DIVERT WORKS: Pumped into tank trucks

SOURCE: Lake Fork River

(3) N 150 feet W 900 feet from SE corner, Section 33, T 2S, R 3W, USBM

DIVERT WORKS: Pumped into tank trucks

SOURCE: Lake Fork River

D. COMMON DESCRIPTION:

3. WATER USE INFORMATION:

OIL EXPLORATION: from Dec 3 to Mar 31. Water is to be used for oil well service and completion work

4. PLACE OF USE: (which includes all or part of the following legal subdivisions:)

BASE	TOWN	RANG	SEC	NORTH-EAST $\frac{1}{4}$	NORTH-WEST $\frac{1}{4}$	SOUTH-WEST $\frac{1}{4}$	SOUTH-EAST $\frac{1}{4}$
				NE NW SW SE	NE NW SW SE	NE NW SW SE	NE NW SW SE
US	1S	2W		Entire TOWNSHIP			
US	1S	3W		Entire TOWNSHIP			
US	1S	4W		Entire TOWNSHIP			
US	1S	5W		Entire TOWNSHIP			

Continued on next page.

Appropriate

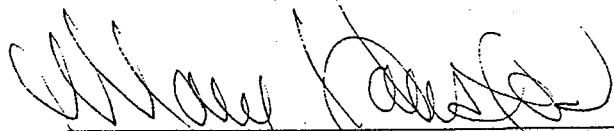
BASE TOWN RANG SEC	NORTH-EAST $\frac{1}{4}$				NORTH-WEST $\frac{1}{4}$				SOUTH-WEST $\frac{1}{4}$				SOUTH-EAST $\frac{1}{4}$			
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
US 2S 2W	Entire TOWNSHIP															
US 2S 3W	Entire TOWNSHIP															
US 2S 4W	Entire TOWNSHIP															
US 2S 5W	Entire TOWNSHIP															

5. EXPLANATORY:

Diversion is on private land. Have permission from the owner.
This application is a renewal of 43-9966

6. SIGNATURE OF APPLICANT(S):

The applicant(s) hereby acknowledge(s) that he/she/they are citizen(s) of the United States of America or intend(s) to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of information contained herein, at the time of filing, rests with the applicant(s).



Signature of Applicant(s)

STATE ENGINEER'S ENDORSEMENT

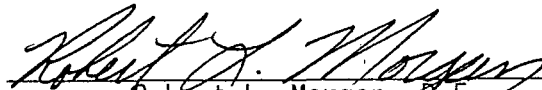
WATER RIGHT NUMBER: 43 - 10261

APPLICATION NO. T65059

1. December 3, 1990 Application received by TNB.
 2. December 13, 1990 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-
-

Conditions:

This application is hereby APPROVED, dated December 21, 1990, subject to prior rights and this application will expire on December 21, 1991.


Robert L. Morgan, P.E.
State Engineer

DRILLING LOCATION ASSESSMENT

State of Utah Division of Oil, Gas and Mining

OPERATOR: ANR PRODUCTION COMPANY WELL NAME: BROTHERSON 2-2B5
SECTION: 2 TWP: 2S RNG: 5W LOC: 1034 FSL 2464 FEL
QTR/QTR SW/SE COUNTY: DUCHESNE FIELD: ALTAMONT-BLUEBELL
SURFACE OWNER: BLAINE BROTHERSON
SPACING: 660 F SECTION LINE 1320 F ANOTHER WELL
INSPECTOR: BRAD HILL DATE AND TIME: 2/5/91 11:45

PARTICIPANTS: Bob Anderson-Permit agent; Robert Kay-Uintah Engineering; Scott Seeley-ANR; Boyd Young & Tracey Monks-contractors

REGIONAL SETTING/TOPOGRAPHY: The proposed well is located in the western Uinta Basin, in a fairly flat lying area which slopes gently to the north from a low ridgetop. A high-tension power line is just to the north of the location.

LAND USE:

CURRENT SURFACE USE: Domestic grazing.

PROPOSED SURFACE DISTURBANCE: A rectangular pad will be constructed with approximate dimensions of 400'X 330' including the reserve pit. A 500 ft. access road will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Pasture grass, rushes/cows

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Silt and caliche with abundant cobbles.

SURFACE FORMATION & CHARACTERISTICS: Quaternary Alluvium

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at this time. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Lower Green River-Wasatch: 9100'-14500'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: As per landowner instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular in shape and approximately 200'X 120'X 10'.

LINING: To be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: 0-6000'/Native mud; 6000'-14500'/Gel/polymer

DRILLING WATER SUPPLY: Duchesne River

OTHER OBSERVATIONS

There are indications of near surface being present.

STIPULATIONS FOR APD APPROVAL

Reserve pit to be lined with synthetic liner.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE AMENDED	:	
PETITION OF ANR LIMITED INC.,	:	
ET AL. FOR AN ORDER MODIFYING	:	FINDINGS OF FACT,
PREVIOUS ORDERS WHICH	:	CONCLUSIONS OF LAW
ESTABLISHED DRILLING AND	:	AND ORDER
SPACING UNITS AND ANY OTHER	:	
ORDERS RELATING TO TEST WELLS	:	Docket No. 85-007
FOR THE ALTAMONT, BLUEBELL	:	Cause No. 139-42
AND CEDAR RIM-SINK DRAW	:	
FIELDS, DUCHESNE AND UINTAH	:	
COUNTIES, UTAH	:	

Pursuant to the Amended Notice of Hearing dated March 4, 1985 of the Board of Oil, Gas and Mining ("Board"), Department of Natural Resources of the State of Utah, said cause came on for hearing on Thursday, April 11, 1985 at 10:00 a.m. in the Board Room of the Division of Oil, Gas and Mining ("Division"), 355 West North Temple, 3 Triad Center, Suite 301, Salt Lake City, Utah.

The following members of the Board were present:

Gregory P. Williams, Chairman
James W. Carter
Charles R. Henderson
Richard B. Larson
E. Steele McIntyre
John M. Garr, having recused himself,
did not participate

Mark C. Moench, Assistant Attorney General, was present on behalf of the Board.

Members of the Staff of the Division present and participating in the hearing included:

Dr. Dianne R. Nielson, Director
Ronald J. Firth, Associate Director
John R. Baza, Petroleum Engineer

Barbara W. Roberts, Assistant Attorney General, was present on behalf of the Division.

Appearances were made as follows: Petitioners ANR Limited, et al., by Frank Douglass, Esq. and Ray H. Langenberg, Austin, Texas; Robert G. Pruitt, Jr., Esq., Salt Lake City, Utah; Frank J. Gustin, Esq., Salt Lake City, Utah; Louis A. Posekany, Jr., General Counsel, and George W. Hellstrom, Esq., ANR Production Company; Phillip K. Chattin, General Counsel, Utex Oil Company; Hugh C. Garner, Esq., for Coastal Oil & Gas Corporation; Phillip William Lear, Esq., for Phillips Petroleum Company; Jeffrey R. Young, Esq., for Bow Valley Petroleum, Inc.; B. J. Lewis, Esq., Vice President, and Robert W. Adkins, Esq., Linmar Energy Corporation; Robert Buettner, Esq., Koch Exploration Company; Lane Jamison, Esq., Sonat Exploration Company; Victor Brown and Robert Brown, Utah Royalty Association; John Harja, Esq., Gulf Oil Corporation; Martin Seneca, General Counsel, Ute Indian Tribe; Assad M. Raffoul, Petroleum Engineer, Bureau of Land Management; John Chasel, on his own behalf; George Morris, Esq., Ute Distribution Corporation; Dr. Gilbert Miller, Conservation Superintendent, Amarada Hess Corporation; and L. A. Pike, Roosevelt, Utah, landowner.

Now therefore, the Board having considered the testimony of the witnesses, John C. Osmond, Petroleum Geologist; Clarke Gillespie, Petroleum Reservoir Engineer; and R. Thayne Robson, Economist, for Petitioners and B. J. Lewis, Vice President, and John W. Clark, Petroleum Engineer, for Linmar Energy Corporation, and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board has heretofore entered 640 acre drilling and spacing orders for the Lower Green River/Wasatch Formation in Causes No. 139-3, 139-4, 139-5, 139-8, and 139-17 (Altamont Field), Causes No. 131-11, 131-14, 131-24, 131-27, 131-32, 131-33, 131-34, 131-45 and 131-55, (Bluebell Field), and Causes No. 140-6 and 140-7 (Cedar Rim-Sink Draw Field) as to the following described lands:

UINTAH SPECIAL MERIDIAN

Township 1 North, Range 1 West
Sections: 19-36

Township 1 North, Range 2 West
Sections: 19-36

Township 1 North, Range 3 West
Sections 23-26, 35 and 36

Township 1 South, Range 1 East
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 East
Sections: 4-8, 18-19, 30-31

Township 1 South, Range 1 West
Sections: All (except Roosevelt Unit)

Township 1 South, Range 2 through 4 West
Sections: All

Township 1 South, Range 5 West
Sections: 10-17, 20-36

Township 1 South, Range 6 West
Sections: 25-26, 35-36

Township 2 South, Range 1 through 2 East
Sections: All

Township 2 South, Range 1 through 6 West
Sections: All

Township 2 South, Range 7 West
Sections: 19, 30-36

Township 2 South, Range 8 West
Sections: 23-26, 31-36

Township 3 South, Range 3 West
Sections: 5-8, 17-20, 29-32

Township 3 South, Range 4 through 8 West
Sections: All

Township 4 South, Range 3 West
Sections: 5 and 6

Township 4 South, Range 4 West
Sections: 1-6

Township 4 South, Range 5 West
Sections: 1-6

Township 4 South, Range 6 West
Sections: 1-18

SALT LAKE MERIDIAN

Township 5 South, Range 19 East
Sections: 20-23, 26-29, 32-35

Township 6 South, Range 19 East
Sections: 3-5, 9, 10, 15, 16, 22, 27
and 34

4. In Cause No. 140-12, the Board authorized the drilling of test or second wells that may only be produced alternatively with the initial well on the same drilling unit.

5. The Lower Green River/Wasatch Formation underlying the subject fields constitutes a pool as that term is defined in Utah Code Ann. §40-6-2(9) (1953, as amended), and is a highly complex series of isolated and discontinuous beds of productive rock that are randomly distributed vertically over a several thousand feet thick interval. Normally, the productive beds are separate and distinct and not in communication with each other.

6. Many of the productive beds are not correlatable from well to well and will not afford communication between wells as close as 1000 feet. Of the productive beds that correlate, various geological factors prevent a significant number from communicating between wells within the same section.

7. Geologic and engineering information from initial unit wells and test wells show that a single well will not effectively drain the recoverable oil and gas underlying any given 640 acre spacing unit because the productive beds are too

small or have other limiting characteristics precluding effective and efficient drainage of the recoverable reserves underlying the unit.

8. Data from production logs and field performance show that test wells drilled under the Order in Cause No. 140-12 after 1978 have caused the recovery of substantial amounts of oil from separate and distinct productive beds and from previously undepleted productive beds, and that the drilling of additional wells on existing units will increase the ultimate recovery of oil from the subject fields.

9. The prohibition of simultaneous production from the initial well and test well on the same unit has caused the shutting in of wells with the potential to produce substantial amounts of additional reserves.

10. Each additional well drilled under this order will tap producing formations that are separate and distinct from and not in communication with any other producing formation and is not an unnecessary well.

11. In some areas of the subject fields, geologic, engineering, and economic factors justify drilling additional wells on existing units. In other areas, geologic, engineering and economic factors may not justify drilling additional wells on existing units.

CONCLUSIONS OF LAW

1. Due and regular notice of the time, place and

purpose of the hearing was given to all interested parties as required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matters covered by said notice and over all parties interested therein and has jurisdiction to make and promulgate any order hereinafter set forth.

3. The Board is authorized to modify its previous orders to permit additional wells to be drilled within established units under Utah Code Ann. §40-6-6(4) (1953, as amended).

4. An order permitting (a) the drilling of additional wells on existing units as provided herein and (b) the simultaneous production of initial wells and additional wells will prevent the waste of hydrocarbons, prevent the drilling of unnecessary wells, and protect correlative rights.

ORDER

IT IS THEREFORE ORDERED:

To prevent waste of oil, gas and associated liquid hydrocarbons, to avoid the drilling of unnecessary wells, to protect correlative rights and to maintain, to the maximum extent practicable, drilling units of uniform size and shape for the promotion of more orderly development of the lands described in Finding of Fact No. 3 above, the following order is hereby promulgated to govern operations in said area effective as of April 12, 1985:

A. Upon the effective date any and all orders of the Board heretofore promulgated which are inconsistent with the orders herein set forth shall be and are hereby vacated to the extent inconsistent herewith.

B. Additional wells may be drilled, completed, and produced on established drilling units comprising government surveyed sections of approximately 640 acres (or other designated drilling units so long as such unit is at least 400 acres in size) to a density of no greater than two producing wells on each unit comprising a section (or other designated unit).

C. Additional wells may be drilled at the option of the operator of the unit, based upon geologic and engineering data for that unit which will justify the drilling of an additional well in order to recover additional oil, provided the additional well appears to be economically feasible.

D. Economically feasible means that a prudent operator would have a reasonable opportunity to recover the costs of drilling, completing, producing and operating the well, plus a reasonable profit.

E. It is not the intent of this order, in permitting additional wells to be drilled on established drilling units, to change or amend the existing contractual rights or relationships, express or implied, of any parties who share in production or the proceeds therefrom in the spaced area.

F. Any additional well must be located at least 1,320 feet from the existing well on the unit and not closer than 660

feet from the exterior boundary of the unit. No two wells may be drilled in any drilling unit within the same governmental quarter section or equivalent lot.


G. If an operator elects to initially complete a well solely within producing formations that are separate and distinct from and not in communication with any other producing formation, the operator will use reasonable precautions in order that such well is not completed in any producing formation that may be effectively drained by any other well.

H. Second or test wells drilled under previous orders as well as additional wells to be drilled under this order may be produced simultaneously with initial wells.

I. The Board retains exclusive and continuing jurisdiction of all matters covered by this order and of all parties affected thereby and particularly that the Board retains and reserves exclusive and continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED this 17th day of April, 1985.

STATE OF UTAH
BOARD OF OIL, GAS AND MINING


GREGORY P. WILLIAMS, Chairman

APPROVED AS TO FORM:

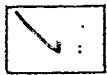

MARK C. MOENCH
Assistant Attorney General

OPERATOR ANR Production Co N-0075 DATE 0-08-91
WELL NAME Brotherton 0-0B5
SEC S15E 0 T 09 R 5W COUNTY Duchess

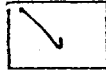
43-013-31300
API NUMBER

tu (4)
TYPE OF LEASE

CHECK OFF:



PLAT.



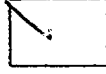
BOND
ANR/COASTAL
0605380-1
80.000



NEAREST
WELL



LEASE



FIELD
USBM



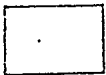
POTASH OR
OIL SHALE

PROCESSING COMMENTS:

0nd well falls within Cause 139-40 guidelines
Water Permit 43-10061 (T65059) Daily Drilling
Permit 3-1-91

APPROVAL LETTER:

SPACING:

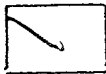


R615-2-3

N/A
UNIT



R615-3-2



139-40 4-17-85
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

- 1- tu stipulation
- 2- Reserve pit to be lined with synthetic liner.



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 11, 1991

ANR Production Company
P. O. Box 749
Denver, Colorado 80201-0749

Gentlemen:

Re: Brotherson 2-2B5 Well, 1034 feet from the South line, 2464 feet from the East line, SW SE, Section 2, Township 2 South, Range 5 West, Duchesne County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order in Cause No. 139-42 dated April 17, 1985 subject to the following stipulations:

1. ANR Production Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
2. Reserve pit shall be lined with a synthetic liner.

In addition, the following actions are necessary to fully comply with this approval:

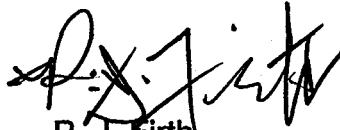
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.

Page 2
ANR Production Company
Brotherson 2-2B5
March 11, 1991

5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31302.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-36

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: ANR 43-013-31302

WELL NAME: BROTHERSON 2-2B5

Section 2 Township 2S Range 5W County DUCHESNE

Drilling Contractor PARKER

Rig # 235

SPUDDED: Date 12-11-91

Time 9:00 AM

How DRY HOLE

Drilling will commence + - 10 DAYS

Reported by JIM LARY

Telephone # 454-3487

Date 12-12-91 SIGNED MKH

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT—for such proposals.

6. Lease Designation and Serial Number

Fee

Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

9. Well Name and Number

Brotherson #2-2B5

10. API Well Number

43-013-31302

11. Field and Pool, or Wildcat

Bluebell-Altamont

Type of Well

☒ Oil Well ☐ Gas Well ☐ Other (specify)

Name of Operator

ANR Production Company

Address of Operator

P. O. Box 749 Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

Location of Well

Footage 1034' FSL & 2464' FEL

County : Duchesne

Q. Sec. T. R. M. : SW/SE Section 2, T2S-R5W

State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Report of Spud | |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

Approximate Date Work Will Start

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Leon Ross Drilling. Spud surface hole @ 8:00 a.m., 12/10/91. Drilled 17-1/2" hole to 250'. Ran 6 jts 13-3/8", 54.5#, J-55, LT&C and set @ 230' GL. Cemented w/285 sx Class "G" cmt + additives.

RECEIVED

DEC 19 1991

DIVISION OF
OIL GAS & MINING

I hereby certify that the foregoing is true and correct.

Name & Signature

Eileen Danni Rey

Title Regulatory Analyst Date 12/16/91

State Use Only)

Eileen Danni Rey

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR ANR Production Company
ADDRESS P. O. Box 749
Denver, CO 80201-0749

OPERATOR ACCT. NO. 110675

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11342	43-013-31302	Brotherson #2-2B5	SWSE	2	2S	5W	Duchesne	12/10/91	12/10/91
WELL 1 COMMENTS: Entity added 2-21-92. <i>for</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

FEB 19 1992
DIVISION OF
OIL, GAS & MINING

Eileen Danni Dey
Signature Eileen Danni Dey

Regulatory Analyst 12/16/91
Title Date

Phone No. (303) 573-4476

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number Fee 7. Indian Allottee or Tribe Name N/A
2. Name of Operator ANR Production Company		8. Unit or Communitization Agreement N/A
3. Address of Operator P. O. Box 749 Denver, CO 80201-0749		9. Well Name and Number Brotherson #2-2B5
4. Telephone Number (303) 573-4476		10. API Well Number 43-013-31302
5. Location of Well Footage : 1034' FSL & 2464' FEL Q.Q. Sec. T., R., M. : SW/SE Section 2, T2S-R5W County : Duchesne State : UTAH		11. Field and Pool, or Wildcat Bluebell/Altamont

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | Report of Drilling Operations |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the drilling operations performed on the above referenced well.

RECEIVED

MAR 12 1992

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

(State Use Only)

Title Regulatory Analyst Date 3/9/92

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
PARKER #235/UNIBAR

WI: 59.427% ANR AFE: 63866

ATD: 14,500' (WASATCH) SD: 12/22/91

CSG: 13-3/8" @ 250'; 9-5/8" @ 6996'

7" @ 12,697'; TOL 6786'

5" @ 14,240'; TOL 12,419'; PBD 14,195'

DHC(M\$): 1,409.0

- 12/13/91 230' GL WORT. MIRU L. Ross Drlg 12/10/91. Drlg 17-1/2" hole to 230'. Spudded 8:00 a.m. Ran 6 jts (248.51') 13-3/8" 54.5# LT&C J-55 csg. Howco cmt w/285 sx "G", 2% CaCl₂, 1/4#/sk Flocele, 15.6 PPG; 40 bbls wtr displacement. Good returns throughout, 15 bbls cmt to surf. Contacted Mike Hebertson w/Utah, no witnesses. CC: \$87,802.
- 12/21/91 250' KB RURT. Will spud today, 12/21/91. CC: \$100,078.
- 12/22/91 410' Drlg 160'/2 hrs. RURT. PU BHA, tag cmt at 210'. LD 1 DC, PU DP & rubber. Repair stand pipe valve. Unload hole, drill cmt 210'-250'. Spud at 4:00 a.m., 12/22/91. Drlg w/air mist. 2400 SCFM. CC: \$111,332.
- 12/23/91 1259' Drlg 849'/22 hrs. Drlg, svys: 1/2 deg @ 415'; 1/2 deg @ 877'. Chg rot hd rbr. Drlg w/air mist, 2400 SCFM. CC: \$134,356.
- 12/24/91 1886' Drlg 627'/11 hrs. Drlg, TFNB. Rig repair - change dynamatic, RS. TIH, PU 6 - 9" DC's, 12 - 6-3/4" DC's, jars. Drlg, svy: 3/4 deg @ 1376', drlg, svy: 1/2 deg @ 1687'. Drlg w/air mist. 2400 SCFM. CC: \$173,262.
- 12/25/91 2722' Drlg 836'/23 hrs. Drlg w/wtr, no returns, RS. Drlg w/wtr, no returns. Svy: 1/2 deg @ 2182'. Drlg w/air mist. MW 8.4, VIS 27, PH 8.8, ALK .02/.05, CL 250, CA 200, 2400 CFM/15 GPM. CC: \$201,189.
- 12/26/91 3505' Drlg 783'/23 hrs. Drlg w/aerated wtr, svy: 1/2 deg @ 2983'. Drlg w/aerated wtr, RS. Drlg w/air mist. MW 8.4, VIS 27, PH 9, ALK .03/.1, CL 250, CA 80, 2400 CFM. CC: \$210,007.
- 12/27/91 4136' Drlg 631'/21-1/2 hrs. Drlg, trip for string float, svy: 3/4 deg @ 3478'. Drlg, LD string float, svy: 1/4 deg @ 3784'. Drlg w/aerated wtr. PH 10.0, ALK .1/.4, CL 250, CA 48, 1900 CFM. CC: \$221,256.
- 12/28/91 4675' Drlg 539'/23 hrs. Drlg w/aerated wtr. Svy: 3/4 deg @ 4325'. RS, drlg w/wtr. Drlg w/aerated wtr, MW 8.4, VIS 27, PH 10, ALK .2/.5, CL 250, CA 40, 1350 CFM. CC: \$229,792.
- 12/29/91 5170' Drlg 495'/17 hrs. Drlg, svy: 1-1/4 deg @ 4795'. TFNB, chg rot hd rubber. Drlg w/aerated wtr. MW 8.4, VIS 27, PH 9.0, ALK .25/.5, CL 500, CA 36, 1350 CFM. CC: \$254,377.
- 12/30/91 5890' Drlg 720'/23 hrs. Drlg, svys: 3/4 deg @ 5297'; 3/4 deg @ 5787'. Drlg w/aerated wtr. MW 8.4, VIS 27, PH 11.0, ALK .4/.6, CL 900, CA 100, 1300 CFM. CC: \$265,841.
- 12/31/91 6420' POH for bit. 530'/20 hrs. Drlg, svy: 3/4 deg @ 6380'. TFNB. MW 8.4, VIS 27, PH 11, ALK .4/.5, CL 1100, CA 20, 1300 CFM. CC: \$308,117.
- 1/1/92 6639' Drlg 219'/12.5 hrs. TFNB #3. Cut drlg line. Level derrick. TIH, W&R 60' to btm, 30' soft fill. Drlg w/wtr. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK .5/.6, CL 1600, CA 20, 1300 CFM. CC: \$342,149.
- 1/2/92 6932' Drlg 293'/23 hrs. Drlg, svy: 1-1/4 deg @ 6689'. RS, drlg. Try to mud up w/gel wtr. Pumped 11 - 100 bbl LCM pills w/20% LCM. Gel wtr @ 60 vis. Reserve pit empty. No returns. 7280 bbls mud. Drlg w/aerated wtr. MW 8.7, VIS 60, WL 16.8, PV 22, YP 10, 2.5% SOL, PH 9.5, ALK .2/.3, CL 2200, CA 80, GELS 6, 10" 18, CAKE 2. CC: \$352,955.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 2

- 1/3/92 7000' Attempt to circ, wash csg to btm. 68'/4.5 hrs. Drlg, circ & cond w/air and wtr. Pmp 450 bbls 45 vis gel wtr. Short trip 10 stds, no fill. Pmp 350 bbls 45 vis gel wtr. POOH, SLM 6998'. Did not correct. RU Westates. LD 12 9" DC's. Ran 168 jts 9-5/8" 40# S-95 LT&C, TL 7022.61' Howco shoe and float 42.14' shoe jt, 9 centralizers. Csg tool wt at 6980'. Try to circ w/rig pump, wash 16'. Now shoe at 6996'. Svy: 1-1/4 deg @ 7000'. MW 8.6, VIS 45, WL 22.4, PV 16, YP 10, 2.2% SOL, PH 12, ALK 2.7/6.2, CL 4500, CA 10, GELS 4, 10" 12, CAKE 2. CC: \$382,276.
- 1/4/92 7000' Weld on 9-5/8" wellhead. Pump FW dn 9-5/8" csg w/no returns. Wash 10' to btm. Cmt w/Howco. 10 bbls FW, 200 bbls Super Flush, 20 bbls FW, 600 sx Hi-Fill w/.3% HR7, 3#/sx Capseal, 1/4#/sk Floseal, 11#/gal, 3.82 cu ft/sx; 300 sx Prem AG w/1% CaCl2, 1#/sk Capseal, 1/4#/sk Floseal, 15.6 PPG, 1.18 cu ft/sx. Displ w/530 BW. No returns, floats held, WOC. Cmt dn annulus w/550 sx Hi-Fill, w/.3% HR7, 3#/sk Capseal, 1/4#/sk Floseal, 11#/gal 3.02 cu ft/sx. Tail w/100 sx Prem AG w/3% CaCl2, 15.6 PPG, 1.18 cu ft/sx. Annulus on vacuum. WOC. Cmt dn annulus w/150 sx Prem AG w/3% CaCl2. Annulus not on vacuum. Would not fill. WOC. Cmt w/50 sx Prem AG w/3% CaCl2. Hole full, did not fall. WOC. Cut off 9-5/8" csg, ND rot hd, well on wellhead. CC: \$594,026.
- 1/5/92 7000' TIH. Weld on wellhead. Test to 1000#. NU BOPE, test BOPE to 5000#. Hydril to 2500#. PU BHA, TIH. Drlg w/wtr. MW 8.4, VIS 27, PH 12.0, ALK .2/.5, CL 4200, CA 10. CC: \$610,683.
- 1/6/92 7179' TFNB 179'/8.5 hrs. TIH, cmt at 6938'. Drill cmt to 6948', float. Test csg to 2000 psi. Drill FC, cmt & FS. Drlg w/wtr 7000-7053'. Unload hole w/air, work tight hole. Drlg, air mist. Load DP, POOH, TFNB. GR, 100% SH, BGG 5 U, CG 10 U. Air Mist, pH 12, ALK 1.8/4.8, CL 4100, CA 20, 2600 SCFM. CC: \$619,468.
- 1/7/92 7249' Drlg 70'/1-1/2 hrs. Change bit. TIH. Unload hole at 7085'. Pulled Kelly hose in two. WO Kelly hose. Chg union and install. Unload hole. W&R 7085-7179'. Drlg w/air mist. GR, 80% SH, 20% SS, BGG 50 U, CG 10 U, TG 150 U. MW 8.4, VIS 27, PH 12, ALK 2.5/6, CL 4400, CA 40, 2600 CFM, 159 PM. CC: \$634,496.
- 1/8/92 7839' Drlg 590'/20 hrs. Drlg, RS, chg rot hd rbr. Drlg, trip for string float. Svy: 1-3/4 deg @ 7489'. Unload hole, drlg in GR, 50% SH, 50% SDST, BGG 200 U, CG 400 U. Air mist, MW 8.4, VIS 27, PH 10, ALK 2.6/6.2, CL 5000, CA 96, 2600 SCFM, 156 PM. CC: \$646,167.
- 1/9/92 8118' Svy: 279'/12.5 hrs. Drlg, RS. TFNB, W&R 7859-7949'. Drlg, svy: 3 deg @ 8077'. GR, 90% SH, 10% SS, BGG 35 U, CG 650 U, TG 1250 U. Aerated wtr, MW 8.4, VIS 28, PH 10, ALK 2.8/6.1, CL 9200, CA 32, 1350 SCFM. CC: \$664,120.
- 1/10/92 8454' Drlg 336'/22 hrs. Drlg, RS. Svys: 3 deg @ 8077'; 2-1/4 deg @ 8371'. Work tight hole at 8420'. Drlg, 90% SH, 10% SS, BGG 300 U, CG 1000 U. MW 8.4, VIS 27, PH 10.5, ALK 2.5/5.3, CL 9800, CA 40, 1350 CFM. CC: \$680,003.
- 1/11/92 8893' Drlg 439'/23 hrs. Drlg, RS, drlg. Work tight hole at 8636', fractures. Drlg. At 55M# & 70 RPM w/air and wtr 1350 SCFM and 294 GPM, 19.0 FPH, 1800 PSI; at 55m# & 70 RPM w/wtr only, 344 GPM: 23 FPH, 2500 psi. Green River, 90% SH, 10% SDST, BGG 20 U, CG 30 U. Drlg w/wtr, pH 10.5, ALK 2.3/5, CL 13,500, CA 72. CC: \$693,583.
- 1/12/92 9150' Drlg 257'/13 hrs. Drlg, svy, pump pill. TFNB, cut drlg line. RS, TIH, wash & ream 8830' to 8930', no tight hole. Drlg, GR, 90% SH, 10% SDST, BGG 15 U, CG 25 U, TG 60 U. Svy: 2-3/4 deg @ 8886'. Drlg w/wtr, pH 10.5, ALK 2.5/5.0, CL 13,000, Ca 120. CC: \$720,005.
- 1/13/92 9778' Drlg 628'/23.5 hrs. Drlg, svy: 1-1/4 deg @ 9389'. Drlg in GR, 90% SH, 10% SDST, BGG 10 U, CG 150 U. Show #7 from 9672-80', MPF 2.5-2-2.5, MPF 20-120-20, 20% fluor, fast cut, no oil. Drlg w/wtr, MW 8.5, VIS 27, PH 10.5, ALK 2.3/5.3, CL 16,000, CA 56. CC: \$728,166.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PAGE 3

- 1/14/92 10,436' Drlg 658'/23.5 hrs. Drlg, svy: 1-1/4 deg @ 9889'. GR, 90% SH, 10% LS, BGG 10 U, CG 110 U. MW 8.5, VIS 27, PH 10.5, ALK 1.8/3.8, CL 13,000, CA 112. CC: \$737,298.
- 1/15/92 11,034' Drlg 598'/22.5 hrs. svys: 1-1/2 deg @ 10,395'; 3/4 deg @ 10,961'. Drlg in GR, 90% SH, 10% SDST, BGG 10 U, CG 40 U. Drlg brk in GR from 10,756-10,766', MPF 1.5-1.0-2.0, gas units 40-130-40, TR brn oil, no fluor, yel cut; GR from 10,806-10,816', MPF 2.5-2.0-2.5, gas units 40-720-100; GR from 10,822-10,828', MPF 2.0-1.0-2.0, gas units 100-630-100. MW 8.5, VIS 27, WL N/C, PH 11, ALK 1.6/2.8, CL 11,000, CA 72. CC: \$750,037.
- 1/16/92 11,528' Mix LCM and build volume. 494'/19 hrs. Drlg, RS. Circ out gas. Build volume, lost partial returns, mix LCM - 20' flare. GR, 100% SH, BGG 500 U, CG 1300 U. MW 8.6, VIS 37, WL 36, PV 8, YP 4, 1% SOL, PH 10.5, ALK 1.5/2.5, CL 12,000, CA 32, GELS 1, 10" 1, CAKE 2. CC: \$758,617.
- | <u>DRLG BREAKS</u> | <u>MPF</u> | <u>GAS UNITS</u> | |
|--------------------|------------|------------------|---------------------------------|
| 11188-11194' | 2-1.5-2 | 75-360-80 | TR drk brn oil, no fluor or cut |
| 11200-11244' | 2-1.5-2.5 | 80-220-100 | TR blk oil, no fluor or cut |
| 11338-11350' | 2-1.5-3 | 300-1700-500 | Abd dk brn oil, no fluor or cut |
| 11392-11400' | 3-1.5-2.5 | 400-1300-800 | Abd dk brn oil, no fluor or cut |
| 11490-11514' | 3-1.5-4 | 500-1600-200 | Abd dk brn oil |
- 1/17/92 11,603' Wash & ream to btm. 75'/7.5 hrs. Mix LCM, drlg. Unplug line on gas buster. Drlg, circ hole. Pump pill, drop svy and TFNB #9 at 11,603'. RS, GR, 50% SH, 50% SDST, BGG 500 U, CG 1300 U. Drlg bnk #16 from 11,586-11,590', MPF 5-3-5, gas units 300-1300-500, TR cut, no fluor, abd black oil to pits. Svy: 1-3/4 deg @ 11,603'. MW 8.7, VIS 32, WL 20.6, PV 5, YP 2, TR LCM, 2.8% SOL, PH 10.5, ALK 1.4/2.4, CL 9100, CA 40, GELS 2, CAKE 2. CC: \$768,404.
- 1/18/92 11,762' TIH after bit trip. 159'/16 hrs. Drlg, RS, drlg. Trip to unplug jet - plastic from corrosion ring. Lost returns at 11,664', lost 200 bbls. Lost 150 BPH at 11,715'. Wasatch, 80% SH, 20% SDST, BGG 200 U, CG 400 U, TG 1600 (12' flare). MW 8.7, VIS 38, WL 17.8, PV 10, YP 6, 2.8% SOL, PH 10.5, ALK 1.1/2.4, CL 8500, CA 20, GELS 2, 10" 8, CAKE 2. CC: \$790,776.
- 1/19/92 11,788' RU air compressors. 26'/2 hrs. Trip for plugged jet. Fill DP, break circ. Finish TIH. Wash 30', no fill. Drlg, lost circ, mix mud and LCM, no returns. Pull to shoe, WO compressors. RU air compressors. BGG 200 U, CG 400 U, 90% SH, 10% SDST. Red Beds at 11,700'. Lost 1300 bbls mud/24 hrs. MW 8.7, VIS 34, WL 19.2, PV 7, YP 3, 5% LCM, 2.8% SOL, PH 10.5, ALK 1.0/1.8, CL 7500, CA 60, GELS 0, 10" 2, CAKE 2. CC: \$807,566.
- 1/20/92 11,788' Ream 120' to btm. RU air unit. Work plugged bit. TOOH, unplug btm DC-SS-bit, waxy LCM. TIH to shoe. Stage in hole 10 stds from shoe to 11,668' w/60 SPM and 800 SCFM w/returns. Ream to btm. Wasatch, BGG 300 U, TG 2000 U. Aerated wtr. MW 8.4, PH 10.5, ALK 1.0/1.9, CL 8500, CA 20, 800 SCFM. CC: \$818,359.
- 1/21/92 11,951' Attempt to establish circ and WO compressor parts for air booster. 163'/18.5 hrs. Drlg, circ & build vol. Drlg, RS. Work tight hole at 11,948'. Drlg, lost prime on booster, work on air booster. (Drive coupling has parted.) Drlg at 190 GPM w/partial returns. Attempt to establish circ and WO compressor parts. Wasatch, 80% SH, 20% SDST, BGG 250 U, CG 540 U, no shows. Aerated mud, MW 8.8, VIS 27, PH 9.5, ALK 1.4/6.0, CL 29,000, AIR 1000 cfm. cc: \$828,599.
- 1/22/92 11,953' TIH w/magnet to fish bit cones. 2'/2 hrs. Short trip 12 stds, WO compressor parts. Load hole w/1400 bbls mud and LCM w/full returns. Attempt to drill w/full returns. TOH w/bit, missing 3 cones. WO fishing tools. TIH w/7" magnet. Wasatch, 80% SH, 20% SDST, (50% red shale), BGG 200 U. MW 9.0, VIS 40, WL 40, PV 8, YP 5, 8-10% lcm, 2.5% SOL, PH 9.5, ALK 2.8/13.0, CL 19,000, CA 32, GELS 1, 10" 2, CAKE 2. CC: \$853,284.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PAGE 4

- 1/23/92 11,953' Drlg on junk - bottom appears clean now. TIH w/7" magnet and JB. Circ, work and fish w/JB and magnet. Chain out of hole. Recovered 3 outer cones. CO JB, recovered several small pieces. PU bit and 2 JB's. Make up bit and TIH to 11,724'. Ream to btm. Wasatch, TG #1 3500 U, #2 4100 U, BGG 350-400 U. MW 8.8, VIS 34, WL 48, PV 4, YP 4, 2.5% SOL, PH 9.5, ALK 2.6/12.6, CL 18,000, CA 26, GELS 0, 10" 2, CAKE 2. CC: \$867,199.
- 1/24/92 12,045' Drlg 92'/12.5 hrs. Drlg on junk. Fish on junk. POH w/bit and junk baskets at 1958'. RS, TIH w/bit #11. Wash & ream 120' to btm. Drlg. Wasatch, 80% SH (10% Red) 2% SDST, BGG 800 U, CG 1300 U, TG 3600 U. Note: On bottoms up after trip circulated abundant amount of brown oil. MW 8.8, VIS 31, WL 48, PV 3, YP 2, 8-10 PPD lcm, 2.5% SOL, PH 9.5, ALK 2.8/13.6, CL 18,000, CA 32,000, GELS 1, 10" 1, CAKE 2. CC: \$880,675.
- 1/25/92 12,106' Inspect DC's. 61'/10.5 hrs. Drlg, RS. Chain out of hole for pressure loss. Inspect DC's. Jar manorel washed out, 20 cracked DC's, 5 pins, all w/20 boxes, cracked at btm thread. Wasatch, BGG 1000 U, CG 2000 U, 90% SH, 20% red brown, 10% SS. Drlg brk from 12,030-12,082', MPF 12-6-10.5, gas units 650-1600-1000, good TR oil SH w/TR SS. MW 9.0, VIS 60, WL 23.8, PV 31, YP 6, 5% LCM, 4% SOL, PH 9.5, ALK 2.0/8.2, CL 12,000, CA 20, GELS 4, 10" 10, CAKE 2. CC: \$891,605.
- 1/26/92 12,177' Drlg 71'/8.5 hrs. Finish Magnaflux BHA. PU bit, SS, 95 DC's. TIH, WO DC's, RS. Unload, strap, caliper, & PU 20 DC's, TIH. Unplug flowline, heavy oil. FTIH, wash to btm, no fill. Drlg, BGG 300 U, CG 800 U, TG 2000+, 80% SH, 20% LS, 50% red. MW 8.8, VIS 38, WL 32, PV 7, YP 3, 5% LCM, 2% SOL, PH 10, ALK 2.3/8.8, CL 13,000, CA 32, GELS 3, 10" 6, CAKE 2. CC: \$907,278.
- 1/27/92 12,355' Drlg 178'/23.5 hrs. Drlg, RS. Drlg in Wasatch, 80% SH, 20% SDST, BGG 400 U, CG 750 U. Losing 100 to 150 bbls mud/day due to seepage. MW 9.0, VIS 38, WL 20, PV 8, YP 8, 3% SOL, PH 10, ALK 2.1/8.2, CL 12,500, CA 24, GELS 2, 10" 5, CAKE 2. CC: \$914,903.
- 1/28/92 12,511' Drlg 156'/23.5 hrs. Drlg, RS. Drlg break in Wasatch, 12422-12,428', MPF 11-15-8, gas units 600-1280-1000, no oil, fluor or cut. 90% SH, 10% SDST, BGG 400 U, CG 800 U. MW 9.1, VIS 37, WL 14.2, PV 7, YP 9, 3.5% SOL, PH 10, ALK 1.8/6.2, CL 9500, CA 32, GELS 2, 10" 2, CAKE 2. CC: \$929,221.
- 1/29/92 12,562' Drlg 51'/7.5 hrs. Drlg, POOH for press lost: 1st joint on top of DC's, 1' up from pin - crack. TIH, cut drlg line, TIH. Wash & ream 60' to btm. Drlg, Wasatch, 90% SH, 10% LS, BGG 400, CG 800 U, TG 2000 U, lost 125 bbls mud after trip. MW 9.2, VIS 42, WL 12, PV 10, YP 11, 4% SOL, PH 10.5, ALK 1.7/5.4, CL 10,000, CA 48, GELS 4, 10" 12, CAKE 2. CC: \$938,907.
- 1/30/92 12,700' Drlg (at TD of 8-3/4" hole) 138'/23.5 hrs. Drlg, RS, drlg in Wasatch, 80% SH, 20% SS, BGG 400 U, CG 800 U. Lost 275 BM last 24 hrs due to seepage. MW 9.2, VIS 42, WL 12, PV 10, YP 10, 4% SOL, PH 10, ALK 1.3/4.3, CL 8000, CA 30, GELS 2, 10" 6, CAKE 2. CC: \$947,836.
- 1/31/92 12,700' TIH w/DP to condition hole to run csg. Circ & cond hole. Short trip 20 stds, no fill. Circ & cond hole. POH w/BHA to run logs. RU Schlumberger and run DIL, Sonic and Caliper logs. Logger's TD 12,699', BHT 178 deg F. TIH w/DP. Svy: 1/2 deg @ 12,700'. MW 9.2, VIS 44, WL 14, PV 12, YP 11, 4% SOL, PH 10, ALK 0.8/3.2, CL 6000, CAKE 24, GELS 3, 10" 9, CAKE 2. CC: \$966,602.
- 2/1/92 12,700' Circ & cond for csg. TIH. W&R 50' to btm. Circ & cond. POH, stuck at 8141'. Work stuck pipe at 8141'. Work stuck pipe at 8141'. Free - bit plugged. POH and unplug bit. TIH, W&R 60' to btm - no fill. Circ & cond. BGG 100 U, TG 1400 U. MW 9.2, VIS 38, WL 10, PV 10, YP 10, 4% SOL, PH 9.5, ALK .6/3.0, CL 6500, CA 36, GELS 2, 10" 8, CAKE 2. CC: \$981,406.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 5

- 2/2/92 12,700' LD 5" DP. Circ & cond for 7" csg. POH. RU Westates. Ran 138 jts 7", 26#, CS-95 (5889.95') w/Howco shoe 2.57', float 2.90', shoe jt 41.29, Baker hanger 15.60. TL = 5911.02'. Centralize 1st 6 and last 4 jts. TIH w/liner on 5 DP. Circ and cond. BGG 600 U, TG 2650U. Cmt w/Howco. 10 BFW, 30 bbls Super flush, 20 BFW. Lead 700 sx Silicalite with .3% Halad 413, .3% SCR 100, 3#/sx Capseal, 1/4#/sx Flocele, wt 11#/gal, 2.67 yield. Tail w/440 sx AG 250 w/.6% Halad 322 and .2% HR5 wt 16.4, yield 1.06. Drop plug and displ w/340 bbls 9.2 ppg mud. Good returns throughout job. Bumped plug at 2:51 a.m., 2/2/92. Pull 20 stds, LD 5" DP. CC: \$1,181,611.
- 2/3/92 12,700' Press test BOP's. LD 5" DP and DC's. Test to 5000 psi. Hydril will not hold. MW 9.1, VIS 33, WL 11.6, PV 5, YP 5, 4% SOL, PH 9.0, ALK .4/2.4, CL 4100, CA 20, GELS 0, 10" 3, CAKE 2. CC: \$1,188,205.
- 2/4/92 12,700' POOH. Press test kelly and valves to 5000 psi. Cut drlg line. PU BHA. Clean pits. PU 3-1/2" DP. Drill cmt 6770-6786'. Circ & cond. POOH. Will be down today for rig repairs: hydril, chg kelly hose, repair pits. MW 8.8, VIS 30, WL 16, PV 4, YP 4, 2% SOL, PH 9, ALK 1.1/4.5, CL 7000, CA 40, GELS 1, 10" 3, CAKE 2. CC: \$1,196,269.
- 2/5/92 12,700' PU 3 1/2" DP. POH. RR and chg out hydril rubber & kelly hose. WO BOP testers. Test hydril to 2500 psi. Set wave ring. TIH, drill seal assy in hanger. PU 3 1/2" DP. MW 8.7, VIS 31, WL 16, PV 4, YP 1, 2% SOL, Ph 9.5, ALK .7/3.2, CL 6000, CA 48, GELS 0, 10" 2, CAKE 2. CC: \$1,210,276.
- 2/6/92 12,700' Press test 9-5/8" csg w/pkr for leak. PU 3-1/2" DP. Drill cmt 12,560-12,611'. Press test liner lap 3.2 BPM at 1100 psi. RS, circ, lost returns. POOH, circ w/partial returns, POOH. WO cmt retainer. TIH w/EZSV, strap in. Set retainer at 6746', annulus would not fill, hole in 9-5/8" csg. Test below EZSV. Pump 2 BPM at 400 psi. Squeeze lap w/100 sx Prem + w/10#/sx Calseal, 15.6 PPG, 1.28 cu ft/sk. Displace w/45 bbls 8.7 PPG mud, 1500 psi max press, 700 psi @ 3 BPM at end of job. Held 700 psi after stopped pmpg. POOH, TIH w/RTTS. CC: \$1,232,275.
- 2/7/92 12,700' Squeeze parted csg. Set Howco RTTS at 3385'. No press inside or out (pump down DP and backside). POH 18 stds. Set RTTS at 1689'. No press in or out. POH 16 stds. Set RTTS at 189'. Annulus will not fill. POH and LD RTTS. W/O Dialog. RU and ran csg profile caliper logs. Csg parted at 620' in collar, ±4" separation. W/O RTTS. PU RTTS and TIH to 659'. Test 9-5/8" to 2000 psi, OK. Reset at 471'. Test annulus to 2000 psi, OK. Ran Schlumberger CBL 6746' to surf, no cmt 3750-3170' and 870-500'. TIH and set RTTS at 476'. RU Howco and sqz 100 sx Prem plus w/10#/sk Calseal, 2% CaCl2, wt. 15.6 ppg, yield 1.28. Displ w/10 bbls FW. Left 5-1/2 bbls cmt above hole. Stage 1 bbl each 10 min, 3 times. Left 1-1/2 bbls cmt in csg. Max press 150 psi. CC: \$1,251,945.
- 2/8/92 12,700' Drlg cmt. Sqz w/100 sx Prem + w/10#/sk Calseal and 2% CaCl2, 16.6#/gal. Displ and stage in, max press 125#. Pkr at 476'. POH, TIH w/bit. Drlg cmt from 617' to 629'. POH, TIH w/pkr. Sqz w/100 sx as above. Max press 188#. POH, TIH w/bit, no hard cmt. Circ, POH w/bit. TIH w/pkr. Sqz w/150 sx as above. Max press 360#. POH w/pkr. TIH w/bit. Drlg cmt from 490' to 620'. POH w/bit. TIH w/pkr. Sqz w/150 sx "G" w/2% CaCl2. 16.2#/gal. Max press 290#. POH, TIH w/bit. Drlg cmt 570' to 600', 1 1/2 MPF w/5000#. CC: \$1,259,124.
- 2/9/92 12,700' WO mill. Drlg, cmt, circ. POH w/bit. TIH w/pkr, set at 476'. Sqz w/150 sx "G" w/2% CaCl2. Stage in, max press 370#. POH, TIH w/bit. Drlg cmt 574' to 635', circ. POH, TIH w/pkr. Press test, held 600#. Bled to 500#. Sqz w/100 sx "G" w/2% CaCl2, stage in, max 920#. POH, TIH w/bit. Drlg cmt 568' to 680'. POH, TIH w/pkr. Test to 2000#. Leak-off to 1200# in 5 mins. Reset pkr at 720'. Held 2000# - OK. POH w/pkr, WO mill. CC: \$1,268,470.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PAGE 6

- 2/10/92 12,700' TIH w/fishing tools. TIH w/8-3/4" tapered mill. Work mill through csg part at 620'. POOH, TIH open-ended to 658', spot 50 sx "G" w/2% CaCl2 (16.4 ppg). POOH, sqz w/blind rams closed. Press to 2000 psi, 3 times, 10 min. intervals, took 1-1/2 bbl, holding 2000 psi. WOC. Press test to 2000 psi, OK - 10 min. TIH w/8-3/4" bit, drill cmt 563' to 824', packed off, pump kelly out, bent kelly. Work stuck pipe 824' to 749' then stopped, no circ. RU Dialog, run free pt, stuck at bit. Back off @ 680', left bit and 2 DC's in hole (bit sub). Trip for BS & jars. Wtr, pH 11.5, ALK 2/3.3, CL 8100, CA 48. CC: \$1,276,101.
- 2/11/92 12,700' Circ on top of cmt retainer at 6746'. Fishing. Screwed into fish at 687'. Jar w/no movement. Ran free pt and back off at 717'. Left 1 DC in hole. POH w/fishing tools and 1 DC. PU 1 jt 7-5/8" wash pipe and TIH to 717'. Wash over to 749'. Fish fell. POH and PU screw-in sub, BS and jars, TIH. TOF at 848'. Screw in and POH. LD fish and tools. PU BHA and TIH, tag at 880'. W&R 880' to 1116'. TIH to 6710'. W&R 6710-6746'. Circ. MW 8.4, VIS 27, PH 12, ALK 1.8/3, CL 8000, CA 40. CC: \$1,296,870.
- 2/12/92 12,700' TIH w/6-1/8" bit. Circ, press test 9-5/8" csg above cmt retainer to 2000 psi for 10 min - OK. Drill EZSV and cmt to liner top at 6786'. Test 2000 psi for 10 min, OK. TFNB. Drill out liner hanger w/6-1/8" bit. TIH to 12,612'. Prep to drill out. MW 8.4, VIS 27, PH 12, ALK 2.2/3.6, CL 8500, CA 156. CC: \$1,303,708.
- 2/13/92 12,746' Drlg 46'/5 hrs. TIH to 12,610'. Drlg cmt and float. RS, drlg cmt, shoe jt and shoe. Drlg from 12,700' to 12,724'. POH, Magnaflux DC's. TIH w/Dia. cut drlg line. TIH, wash & ream 12,704' to 12,724', drlg. Wasatch, 100% SH, BGG 5 U, CG 10 U, TG 15 U. MW 8.6, VIS 36, WL 18.8, PV 6, YP 4, 1% SOL, PH 12, ALK 2.2/3.5, CL 8800. CC: \$1,335,241.
- 2/14/92 12,909' Drlg 163'/22.5 hrs. Drlg, work tight hole at 12,753'. Drlg, RS. Lost partial returns at 12,901'. Pump LCM sweep, obtained full returns. Drlg, Wasatch, BGG 5 U, CG 10 U. Drlg brk #12 from 12,894'-12,900'; MPF 10-5-7, gas units 5-50-10, no oil fluor or cut. Lost 170 bbls mud. MW 8.7, VIS 37, WL 12, PV 7, YP 5, 3% SOL, PH 11, ALK 2.1/3.4, CL 7000, CA 88, GELS 2, 10" 4, CAKE 2. CC: \$1,358,756.
- 2/15/92 13,000' Drlg 91'/21.5 hrs. Drlg, RS. RR, rot chain. Drlg, Wasatch, 90% SH, 10% SS, BGG 5 U, CG 10 U. No shows, no mud losses. MW 8.8, VIS 38, WL 14, PV 8, YP 4, 3% SOL, PH 10.5, ALK 1.7/3.2, CL 7000, CA 28, GELS 1, 10" 3, CAKE 2. CC: \$1,370,646.
- 2/16/92 13,095' Drlg 95'/23 hrs. Drlg, RS. Drlg, Wasatch, 70% SH, 30% SS, BGG 20 U, CG 35 U. No shows, no mud losses in last 24 hrs. MW 8.8, VIS 37, WL 11.8, PV 8, YP 4, 2% SOL, PH 10.5, ALK 1.8/2.7, CL 7000, CA 24, GELS 2, 10" 5, CAKE 2. CC: \$1,387,024.
- 2/17/92 13,202' Drlg 107'/23.5 hrs. Drlg, RS. Lost 100 bbls mud last 24 hrs. Wasatch, 90% SH, 10% SS, BGG 1000 U, CG 1200 U. Drlg brk from 13,090-104', MPF 13-17-20, gas units 10-2100-1200, abd yel oil, no fluor or cut; show #21 from 13,140-44', MPF 12-13.5-11, gas units 900-1700-600, abd yel oil, no fluor or cut. MW 10, VIS 44, WL 10.4, PV 17, YP 13, 2% OIL, 6% SOL, PH 10.5, ALK .9/2.3, CL 6500, CA 18, GELS 3, 10" 15, CAKE 2. CC: \$1,396,829.
- 2/18/92 13,263' Drlg 61'/11.5 hrs. Drlg, RS. Svy: 2 deg @ 13,252'. Trip out and chg BHA. Test mud motor. TIH. Wash 30' to btm. Drlg, Wasatch fm, 90% SH, 10% SS, BGG 200 U, CG 2200 U. Drlg brk from 13,190-91', MPF 12-17-10.5, gas units 1000-1800-1500, abd yel oil, no fluor or cut. Lost 200 bbls mud to seepage. MW 11, VIS 55, WL 8.4, PV 31, YP 13, 1% OIL, 10% SOL, PH 10.5, ALK .8/1.9, CL 5300, CA 10, GELS 4, 10" 18, CAKE 2. CC: \$1,424,323.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 7

- 2/19/92 13,454' Drlg 191'/22.5 hrs. Drlg, RR, packing in swivel. Drlg, RS. RR, mud pumps. Lost 200 bbls in last 24 hrs. Wasatch, 80% SH, 20% SS, BGG 800 U, CG 1200 U, TG 500 U. Drlg brk from 13,268-74', MPF 7-5.5-8.5, gas units 70-1500-600, abd yel oil, no fluor or cut. MW 11.7, VIS 39, WL 8.8, PV 17, YP 8, 2% OIL, 14% SOL, PH 10, ALK .5/1.5, CL 5000, CA 30, GELS 2, 10" 10, CAKE 2. CC: \$1,492,890.
- 2/20/92 13,616' Drlg 162'/23.5 hrs. Drlg, RS. Wasatch formation, 90% SH, 10% SDST, BGG 1200 U, CG 1800 U. No shows and no lost circ in last 24 hrs. MW 11.7, VIS 49, WL 9.8, PV 18, YP 16, 2% OIL, 14% SOL, PH 10, ALK 0.5/1.1, CL 4500, CA 20, GELS 1, 10" 7, CAKE 2. CC: \$1,458,814.
- 2/21/92 13,647' TIH w/new mud motor. 31'/5.5 hrs. Drlg, lost complete returns. Pump 2 LCM sweeps and gain full returns. Drlg, SI well w/25 bbl gain. SIDPP 375#, SICP 300#. Mix kill mud from 11.7 ppg to 12.3 ppg. Pump kill mud and circ out kick. Drlg, work mud motor and attempt to drill (mud mtr stalling). Circ and raise MW from 12.3 ppg to 12.7 ppg. TOH w/BHA. Chg out mud mtr. TIH w/BHA. Will rerun bit #16. Lost 200 bbls mud last 24 hrs. Drlg brk #24 from 13,630-13,640', MPF 9-8-12.5, gas units 1000-1900-1250, cut wt from 12.3 ppg to 10.5 ppg. Show of yel oil, no FL in cuttings, samples contained oil stain Calcite lime. Wasatch, 90% SH, 10% SD, BGG 500 U, CG 1700 U. MW 12.7, VIS 49, WL 10.2, PV 21, YP 14, 2% OIL, 20% SOL, PH 10.5, ALK 0.5/0.9, CL 3800, CA 20, GELS 12, 10" 22, CAKE 2. CC: \$1,475,573.
- 2/22/92 13,724' Drlg 77'/19 hrs. FTOH. Chg motors, TIH. Wash 30' to btm. Drlg, pmp 50 bbls LCM sweep, regain returns. Drlg, 90% SH, 10% SS, BGG 400 U, CG 700 U, TG 1500 U, no shows. Lost 40 bbls mud. MW 12.8, VIS 42, WL 11.6, PV 16, YP 12, 2% OIL, 17% SOL, PH 11.0, ALK .6/1.2, CL 5500, CA 40, GELS 10, 10" 18, CAKE 2. CC: \$1,501,981.
- 2/23/92 13,769' Drlg 45'/9 hrs. Drlg, chain OH. Press loss of 200#. Motor or jars. Chg BHA, TIH, RS. RR, high drum chain. TIH. Wash 60' to btm, no fill. Drlg, 90% SH, 10% SS, BGG 200 U, CG 400 U, TG 1600 U, no shows. 70 bbls mud lost. MW 12.8, VIS 38, WL 10, PV 15, YP 7, 2% OIL, 16% SOL, PH 10.5, ALK .4/1.0, CL 4500, CA 88, GELS 1, 10" 8, CAKE 2. CC: 1,515,192.
- 2/24/92 13,899' Drlg 130'/24 hrs. Drlg, Wasatch, 100% SH, BGG 200 U, CG 400 U. No shows or lost circ last 24 hrs. MW 12.8, VIS 40, WL 8.8, PV 17, YP 14, 1% OIL, 18% SOL, PH 10, ALK 0.3/0.9, CL 3800, CA 56, GELS 2, 10" 6, CAKE 2. CC: \$1,532,891.
- 2/25/92 14,042' Drlg 143'/23 hrs. Drlg, pump 2-50 bbls LCM sweeps @ 13,930'. Drlg, RS. Wasatch, 90% SH, 10% SDST, BGG 300 U, CG 550 U. Show #25 from 13,926-13,930', MPF 9-4.5-10, gas units 100-550-100, yel oil to shaker, no FL in cuttings, cut MW 13.0 to 12.8 ppg; show #26 from 13,980-983', MPF 8.5-9-9.5, gas units 100-550-150, TR of yel oil, cut MW 13.0 to 12.6 ppg; show #27 from 14,012-016', MPF 10.5-4.5-10, gas units 100-300-300, TR of yel oil, cut MW 13.0 to 12.6. Lost 206 BM in last 24 hrs. MW 13, VIS 41, WL 8.8, PV 18, YP 14, 1% OIL, 17% SOL, PH 10.5, ALK 0.4/1.1, CL 3900, CA 40, ELS 1, 10" 6, CAKE 2. CC: \$1,546,092.
- 2/26/92 14,200' Drlg 158'/23.5 hrs. Drlg, RS. Wasatch, 90% SH, 10% SDST, BGG 200 U, CG 400 U. No shows, lost 125 BM/24 hrs. MW 13, VIS 48, WL 8.4, PV 23, YP 13, 1% OIL, 19% SOL, PH 10.5, ALK 0.6/1.4, CL 3200, CA 20, GELS 2, 10" 12, CAKE 2. CC: \$1,560,443.
- 2/27/92 14,202' Drlg at rept time. 2'/½ hr. Drlg, TOH (chain out) for weight loss, twisted off DP at pin @ 4536'. TIH w/fishing tools (OS & bumper sub) & tag fish @ 4536'. Chain out and LD fishing tools. Fin TOH w/BHA. Magna Flux DC and BHA and LD 7 DC's w/cracked boxes, 5 jts crooked DP. PU replacement DC & DP. TIH w/BHA. Wash 60' to btm. Wasatch, 90% SH, 10% SDST, BGG 200 U, CG 400 U, no lost circ in last 24 hrs. MW 13, VIS 48, WL 8.4, PV 23, YP 13, 1% OIL, 19% SOL, PH 10.5, ALK 0.6/1.4, CL 3200, CA 20, GELS 2, 10" 12, CAKE 2. CC: \$1,573,725.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 8

- 2/28/92 14,270 Running open hole logs. 68'/9.5 hrs. Drlg, circ & cond hole. Short trip 20 stds up to btm 7" csg. Circ & cond hole. TOH w/BHA and SLM - 14,240' (30' off driller TD). Will restrap in hole before making correction. RU Schlumberger. Run open hole logs. Logger's TD 14,239'. Wasatch, 100% SH, BGG 200 U, CG 550 U, TG 1400 U. Show #29 from 14,192'-14,206', MPF 11.5-6-9, gas units 300-2200-400, yel oil at shaker, no FL in cuttings. Cut MW from 12.9 to 12.3. No lost circ last 24 hrs. MW 13, VIS 40, WL 8.2, PV 22, YP 11, 1% OIL, 18% SOL, PH 10.5, ALK 0.7/1.1, CL 3200, CA 10, GELS 5, 10" 12, CAKE 2. CC: \$1,595,053.
- 2/29/92 Corr 14,240'. Running 5" liner. Run logs w/Schlumberger: DLL/GR from TD to 12,607'; Sonic/Cal/GR from TD to 12,697'; WL Depth 14,239'. TIH, cut DL. Finish TIH. Circ btms up and cond mud. TOH. LD DC's and BHA. Rig csg crew and run 5" liner. No mud lost last 24 hrs. MW 13, VIS 40, WL 7.8, PV 21, YP 10, 1% OIL, 18% SOL, PH 10.5, ALK .6/1.0, CL 3100, CA 10, GELS 4, 10" 11, CAKE 2. CC: \$1,615,443.
- 3/1/92 14,240' ND BOP. Finish running 46 jts of 5" 18# CF-95 Hydril 521 thd csg, shoe, FC, LC and Brown RMC hanger. Talley 1821.31'. Ran 2 turbolators on first 6 and last 4 jts and every 2nd jt between LC at 14,195'. Marker jt at 13,294'. RD csg crew. TIH w/liner on 3½" DP. Circ btms up. Cmt w/Howco: 185 sx Prem AG 250, 35% SSA-1, 1% CFR-3, .4% Halad-24, .2% Super CBL, .3% HR-5. Displace w/31 BW and 81 bbls mud. Bump at 3 BPM 2900# liner to 4000#. Floats held. Good returns throughout job. Pull 20 stds DP, no flow back. LD DP and break kelly. ND BOP. CC: \$1,681,978.
- 3/2/92 14,240' Rig released. ND BOP, install tbg hd. NU 6" BOP, test to 5000 psi. Clean pits. Rig released @ 9:00 p.m., 3/1/92. CC: \$1,697,756.
FINAL DRILLING REPORT.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESTR. ☐Other ☐

3. NAME OF OPERATOR

ANR Production Company

4. ADDRESS OF OPERATOR

P. O. Box 749 Denver, CO 80201-0749

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1034' FSL & 2464' FEL

At top prod. interval reported below Same as above.

At total depth Same as above.

6. LEASE DESIGNATION AND SERIAL NO.

Fee

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

8. UNIT AGREEMENT NAME

N/A

9. FARM OR LEASE NAME

Brotherson

10. WELL NO.

2-2B5

11. FIELD AND POOL, OR WILDCAT

Bluebell/Altamont

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 2, T2S-R5W

13. API NO.

43-013-31302

DATE ISSUED

3/11/91

14. DATE SPUNDED

12/10/91

15. DATE T.D. REACHED

2/27/92

16. DATE COMPL. (Ready to prod.)

3/19/92

(Plug & Abd.)

17. ELEVATIONS (OF, BEH, AT, GR, ETC.)

6787' GR, 6809' KB

18. ELEV. CASINGHEAD

19. TOTAL DEPTH, MD & TVD

14,240'

20. PLUG BACK T.D., MD & TVD

14,218'

21. IF MULTIPLE COMPL. HOW MANY

22. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

23. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

13,165'-14,176' (Wasatch)

24. WAS DIRECTIONAL SURVEY MADE

No

25. TYPE ELECTRIC AND OTHER LOGS RUN

BHC-Sonic, DLT, CBL, DLL, DIGITAL SONIC

26. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

27. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT POLLED
13-3/8"	54.5#	252'	17-1/2"	285 sx Class "G" + Add.	None
9-5/8"	40#	6996'	12-1/4"	1750 sx HiFill & Prem Plus AG	None

28. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	6,786'	12,697'	1140		2-7/8"	12,519'	12,519'
5"	12,419'	14,240'	185				

29. PERFORATION RECORD (Interval, size and number)

13165-14176' w/3-3/8" gun, 3 SPF, 67 total holes

30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6746' Retainer	100 sx Prem Plus cmt + Add (Liner Lap)
476' (Packer)	600 sx "G" and Prem Plus + Add (Csg)
620'	50 sx "G" + Add (See Other Side) * Parted
13165-14176'	12000 gals 15% HCl + Add & 302 - 1.1 BS's

31. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3/19/92		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3/25/92	23	40/64"	→	1515	1123	17	741	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
325	---	→	1581	1172	18	41.8		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

32. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

M. Bozarth

33. LIST OF ATTACHMENTS

Chronological History

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Eileen Danni Dey

TITLE

Regulatory Analyst

DATE 4/22/92

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth True Vert. Depth
			*629' 300 sx cement due to csg leak. Installed 7" tieback liner from 765' to surface.	Lwr Green River Wasatch	10,028' 11,450'

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH
PARKER #235/UNIBAR
WI: 59.427% ANR AFE: 63866
ATD: 14,500' (WASATCH) SD: 12/22/91
CSG: 13-3/8" @ 250'; 9-5/8" @ 6996'
7" @ 12,697'; TOL 6786'
5" @ 14,240'; TOL 12,419'; PBD 14,195'
DHC(M\$): 1,409.0

- 12/13/91 230' GL WORT. MIRU L. Ross Drlg 12/10/91. Drld 17-1/2" hole to 230'. Spudded 8:00 a.m. Ran 6 jts (248.51') 13-3/8" 54.5# LT&C J-55 csg. Howco cmt w/285 sx "G", 2% CaCl₂, 1/4#/sk Flocele, 15.6 PPG; 40 bbls wtr displacement. Good returns throughout, 15 bbls cmt to surf. Contacted Mike Hebertson w/Utah, no witnesses. CC: \$87,802.
- 12/21/91 250' KB RURT. Will spud today, 12/21/91. CC: \$100,078.
- 12/22/91 410' Drlg 160'/2 hrs. RURT. PU BHA, tag cmt at 210'. LD 1 DC, PU DP & rubber. Repair stand pipe valve. Unload hole, drill cmt 210'-250'. Spud at 4:00 a.m., 12/22/91. Drlg w/air mist. 2400 SCFM. CC: \$111,332.
- 12/23/91 1259' Drlg 849'/22 hrs. Drlg, svys: 1/2 deg @ 415'; 1/2 deg @ 877'. Chg rot hd rbr. Drlg w/air mist, 2400 SCFM. CC: \$134,356.
- 12/24/91 1886' Drlg 627'/11 hrs. Drlg, TFNB. Rig repair - change dynamatic, RS. TIH, PU 6 - 9" DC's, 12 - 6-3/4" DC's, jars. Drlg, svy: 3/4 deg @ 1376', drlg, svy: 1/2 deg @ 1687'. Drlg w/air mist. 2400 SCFM. CC: \$173,262.
- 12/25/91 2722' Drlg 836'/23 hrs. Drlg w/wtr, no returns, RS. Drlg w/wtr, no returns. Svy: 1/2 deg @ 2182'. Drlg w/air mist. MW 8.4, VIS 27, PH 8.8, ALK .02/.05, CL 250, CA 200, 2400 CFM/15 GPM. CC: \$201,189.
- 12/26/91 3505' Drlg 783'/23 hrs. Drlg w/aerated wtr, svy: 1/2 deg @ 2983'. Drlg w/aerated wtr, RS. Drlg w/air mist. MW 8.4, VIS 27, PH 9, ALK .03/.1, CL 250, CA 80, 2400 CFM. CC: \$210,007.
- 12/27/91 4136' Drlg 631'/21-1/2 hrs. Drlg, trip for string float, svy: 3/4 deg @ 3478'. Drlg, LD string float, svy: 1/4 deg @ 3784'. Drlg w/aerated wtr. PH 10.0, ALK .1/.4, CL 250, CA 48, 1900 CFM. CC: \$221,256.
- 12/28/91 4675' Drlg 539'/23 hrs. Drlg w/aerated wtr. Svy: 3/4 deg @ 4325'. RS, drlg w/wtr. Drlg w/aerated wtr, MW 8.4, VIS 27, PH 10, ALK .2/.5, CL 250, CA 40, 1350 CFM. CC: \$229,792.
- 12/29/91 5170' Drlg 495'/17 hrs. Drlg, svy: 1-1/4 deg @ 4795'. TFNB, chg rot hd rubber. Drlg w/aerated wtr. MW 8.4, VIS 27, PH 9.0, ALK .25/.5, CL 500, CA 36, 1350 CFM. CC: \$254,377.
- 12/30/91 5890' Drlg 720'/23 hrs. Drlg, svys: 3/4 deg @ 5297'; 3/4 deg @ 5787'. Drlg w/aerated wtr. MW 8.4, VIS 27, PH 11.0, ALK .4/.6, CL 900, CA 100, 1300 CFM. CC: \$265,841.
- 12/31/91 6420' POH for bit. 530'/20 hrs. Drlg, svy: 3/4 deg @ 6380'. TFNB. MW 8.4, VIS 27, PH 11, ALK .4/.5, CL 1100, CA 20, 1300 CFM. CC: \$308,117.
- 1/1/92 6639' Drlg 219'/12.5 hrs. TFNB #3. Cut drlg line. Level derrick. TIH, W&R 60' to btm, 30' soft fill. Drlg w/wtr. MW 8.4, VIS 27, WL N/C, PH 11.5, ALK .5/.6, CL 1600, CA 20, 1300 CFM. CC: \$342,149.
- 1/2/92 6932' Drlg 293'/23 hrs. Drlg, svy: 1-1/4 deg @ 6689'. RS, drlg. Try to mud up w/gel wtr. Pumped 11 - 100 bbl LCM pills w/20% LCM. Gel wtr @ 60 vis. Reserve pit empty. No returns. 7280 bbls mud. Drlg w/aerated wtr. MW 8.7, VIS 60, WL 16.8, PV 22, YP 10, 2.5% SOL, PH 9.5, ALK .2/.3, CL 2200, CA 80, GELS 6, 10" 18, CAKE 2. CC: \$352,955.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 2

- 1/3/92 7000' Attempt to circ, wash csg to btm. 68'/4.5 hrs. Drlg, circ & cond w/air and wtr. Pmp 450 bbls 45 vis gel wtr. Short trip 10 stds, no fill. Pmp 350 bbls 45 vis gel wtr. POOH, SLM 6998'. Did not correct. RU Westates. LD 12 9" DC's. Ran 168 jts 9-5/8" 40# S-95 LT&C, TL 7022.61' Howco shoe and float 42.14' shoe jt, 9 centralizers. Csg tool wt at 6980'. Try to circ w/rig pump, wash 16'. Now shoe at 6996'. Svy: 1-1/4 deg @ 7000'. MW 8.6, VIS 45, WL 22.4, PV 16, YP 10, 2.2% SOL, PH 12, ALK 2.7/6.2, CL 4500, CA 10, GELS 4, 10" 12, CAKE 2. CC: \$382,276.
- 1/4/92 7000' Weld on 9-5/8" wellhead. Pump FW dn 9-5/8" csg w/no returns. Wash 10' to btm. Cmt w/Howco. 10 bbls FW, 200 bbls Super Flush, 20 bbls FW, 600 sx Hi-Fill w/.3% HR7, 3#/sx Capseal, 1/4#/sk Floseal, 11#/gal, 3.82 cu ft/sx; 300 sx Prem AG w/1% CaCl2, 1#/sk Capseal, 1/4#/sk Floseal, 15.6 PPG, 1.18 cu ft/sx. Displ w/530 BW. No returns, floats held, WOC. Cmt dn annulus w/550 sx Hi-Fill, w/.3% HR7, 3#/sk Capseal, 1/4#/sk Floseal, 11#/gal 3.02 cu ft/sx. Tail w/100 sx Prem AG w/3% CaCl2, 15.6 PPG, 1.18 cu ft/sx. Annulus on vacuum. WOC. Cmt dn annulus w/150 sx Prem AG w/3% CaCl2. Annulus not on vacuum. Would not fill. WOC. Cmt w/50 sx Prem AG w/3% CaCl2. Hole full, did not fall. WOC. Cut off 9-5/8" csg, ND rot hd, well on wellhead. CC: \$594,026.
- 1/5/92 7000' TIH. Weld on wellhead. Test to 1000#. NU BOPE, test BOPE to 5000#. Hydril to 2500#. PU BHA, TIH. Drlg w/wtr. MW 8.4, VIS 27, PH 12.0, ALK .2/.5, CL 4200, CA 10. CC: \$610,683.
- 1/6/92 7179' TFNB 179'/8.5 hrs. TIH, cmt at 6938'. Drill cmt to 6948', float. Test csg to 2000 psi. Drill FC, cmt & FS. Drlg w/wtr 7000-7053'. Unload hole w/air, work tight hole. Drlg, air mist. Load DP, POOH, TFNB. GR, 100% SH, BGG 5 U, CG 10 U. Air Mist, pH 12, ALK 1.8/4.8, CL 4100, CA 20, 2600 SCFM. CC: \$619,468.
- 1/7/92 7249' Drlg 70'/1-1/2 hrs. Change bit. TIH. Unload hole at 7085'. Pulled Kelly hose in two. WO Kelly hose. Chg union and install. Unload hole. W&R 7085-7179'. Drlg w/air mist. GR, 80% SH, 20% SS, BGG 50 U, CG 10 U, TG 150 U. MW 8.4, VIS 27, PH 12, ALK 2.5/6, CL 4400, CA 40, 2600 CFM, 159 PM. CC: \$634,496.
- 1/8/92 7839' Drlg 590'/20 hrs. Drlg, RS, chg rot hd rbr. Drlg, trip for string float. Svy: 1-3/4 deg @ 7489'. Unload hole, drlg in GR, 50% SH, 50% SDST, BGG 200 U, CG 400 U. Air mist, MW 8.4, VIS 27, PH 10, ALK 2.6/6.2, CL 5000, CA 96, 2600 SCFM, 156 PM. CC: \$646,167.
- 1/9/92 8118' Svy: 279'/12.5 hrs. Drlg, RS. TFNB, W&R 7859-7949'. Drlg, svy: 3 deg @ 8077'. GR, 90% SH, 10% SS, BGG 35 U, CG 650 U, TG 1250 U. Aerated wtr, MW 8.4, VIS 28, PH 10, ALK 2.8/6.1, CL 9200, CA 32, 1350 SCFM. CC: \$664,120.
- 1/10/92 8454' Drlg 336'/22 hrs. Drlg, RS. Svys: 3 deg @ 8077'; 2-1/4 deg @ 8371'. Work tight hole at 8420'. Drlg, 90% SH, 10% SS, BGG 300 U, CG 1000 U. MW 8.4, VIS 27, PH 10.5, ALK 2.5/5.3, CL 9800, CA 40, 1350 CFM. CC: \$680,003.
- 1/11/92 8893' Drlg 439'/23 hrs. Drlg, RS, drlg. Work tight hole at 8636', fractures. Drlg. At 55m# & 70 RPM w/air and wtr 1350 SCFM and 294 GPM, 19.0 FPH, 1800 PSI; at 55m# & 70 RPM w/wtr only, 344 GPM: 23 FPH, 2500 psi. Green River, 90% SH, 10% SDST, BGG 20 U, CG 30 U. Drlg w/wtr, pH 10.5, ALK 2.3/5, CL 13,500, CA 72. CC: \$693,583.
- 1/12/92 9150' Drlg 257'/13 hrs. Drlg, svy, pump pill. TFNB, cut drlg line. RS, TIH, wash & ream 8830' to 8930', no tight hole. Drlg, GR, 90% SH, 10% SDST, BGG 15 U, CG 25 U, TG 60 U. Svy: 2-3/4 deg @ 8886'. Drlg w/wtr, pH 10.5, ALK 2.5/5.0, CL 13,000, Ca 120. CC: \$720,005.
- 1/13/92 9778' Drlg 628'/23.5 hrs. Drlg, svy: 1-1/4 deg @ 9389'. Drlg in GR, 90% SH, 10% SDST, BGG 10 U, CG 150 U. Show #7 from 9672-80', MPF 2.5-2-2.5, MPF 20-120-20, 20% fluor, fast cut, no oil. Drlg w/wtr, MW 8.5, VIS 27, PH 10.5, ALK 2.3/5.3, CL 16,000, CA 56. CC: \$728,166.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 3

- 1/14/92 10,436' Drlg 658'/23.5 hrs. Drlg, svy: 1-1/4 deg @ 9889'. GR, 90% SH, 10% LS, BGG 10 U, CG 110 U. MW 8.5, VIS 27, PH 10.5, ALK 1.8/3.8, CL 13,000, CA 112. CC: \$737,298.
- 1/15/92 11,034' Drlg 598'/22.5 hrs. svys: 1-1/2 deg @ 10,395'; 3/4 deg @ 10,961'. Drlg in GR, 90% SH, 10% SDST, BGG 10 U, CG 40 U. Drlg brk in GR from 10,756-10,766', MPF 1.5-1.0-2.0, gas units 40-130-40, TR brn oil, no fluor, yel cut; GR from 10,806-10,816', MPF 2.5-2.0-2.5, gas units 40-720-100; GR from 10,822-10,828', MPF 2.0-1.0-2.0, gas units 100-630-100. MW 8.5, VIS 27, WL N/C, PH 11, ALK 1.6/2.8, CL 11,000, CA 72. CC: \$750,037.
- 1/16/92 11,528' Mix LCM and build volume. 494'/19 hrs. Drlg, RS. Circ out gas. Build volume, lost partial returns, mix LCM - 20' flare. GR, 100% SH, BGG 500 U, CG 1300 U. MW 8.6, VIS 37, WL 36, PV 8, YP 4, 1% SOL, PH 10.5, ALK 1.5/2.5, CL 12,000, CA 32, GELS 1, 10" 1, CAKE 2. CC: \$758,617.
- | DRLG BREAKS | MPF | GAS UNITS | |
|--------------|-----------|--------------|---------------------------------|
| 11188-11194' | 2-1.5-2 | 75-360-80 | TR drk brn oil, no fluor or cut |
| 11200-11244' | 2-1.5-2.5 | 80-220-100 | TR blk oil, no fluor or cut |
| 11338-11350' | 2-1.5-3 | 300-1700-500 | Abd dk brn oil, no fluor or cut |
| 11392-11400' | 3-1.5-2.5 | 400-1300-800 | Abd dk brn oil, no fluor or cut |
| 11490-11514' | 3-1.5-4 | 500-1600-200 | Abd dk brn oil |
- 1/17/92 11,603' Wash & ream to btm. 75'/7.5 hrs. Mix LCM, drlg. Unplug line on gas buster. Drlg, circ hole. Pump pill, drop svy and TFNB #9 at 11,603'. RS, GR, 50% SH, 50% SDST, BGG 500 U, CG 1300 U. Drlg bnk #16 from 11,586-11,590', MPF 5-3-5, gas units 300-1300-500, TR cut, no fluor, abd black oil to pits. Svy: 1-3/4 deg @ 11,603'. MW 8.7, VIS 32, WL 20.6, PV 5, YP 2, TR LCM, 2.8% SOL, PH 10.5, ALK 1.4/2.4, CL 9100, CA 40, GELS 2, CAKE 2. CC: \$768,404.
- 1/18/92 11,762' TIH after bit trip. 159'/16 hrs. Drlg, RS, drlg. Trip to unplug jet - plastic from corrosion ring. Lost returns at 11,664', lost 200 bbls. Lost 150 BPH at 11,715'. Wasatch, 80% SH, 20% SDST, BGG 200 U, CG 400 U, TG 1600 (12' flare). MW 8.7, VIS 38, WL 17.8, PV 10, YP 6, 2.8% SOL, PH 10.5, ALK 1.1/2.4, CL 8500, CA 20, GELS 2, 10" 8, CAKE 2. CC: \$790,776.
- 1/19/92 11,788' RU air compressors. 26'/2 hrs. Trip for plugged jet. Fill DP, break circ. Finish TIH. Wash 30', no fill. Drlg, lost circ, mix mud and LCM, no returns. Pull to shoe, WO compressors. RU air compressors. BGG 200 U, CG 400 U, 90% SH, 10% SDST. Red Beds at 11,700'. Lost 1300 bbls mud/24 hrs. MW 8.7, VIS 34, WL 19.2, PV 7, YP 3, 5% LCM, 2.8% SOL, PH 10.5, ALK 1.0/1.8, CL 7500, CA 60, GELS 0, 10" 2, CAKE 2. CC: \$807,566.
- 1/20/92 11,788' Ream 120' to btm. RU air unit. Work plugged bit. TOOH, unplug btm DC-SS-bit, waxy LCM. TIH to shoe. Stage in hole 10 stds from shoe to 11,668' w/60 SPM and 800 SCFM w/returns. Ream to btm. Wasatch, BGG 300 U, TG 2000 U. Aerated wtr. MW 8.4, PH 10.5, ALK 1.0/1.9, CL 8500, CA 20, 800 SCFM. CC: \$818,359.
- 1/21/92 11,951' Attempt to establish circ and WO compressor parts for air booster. 163'/18.5 hrs. Drlg, circ & build vol. Drlg, RS. Work tight hole at 11,948'. Drlg, lost prime on booster, work on air booster. (Drive coupling has parted.) Drlg at 190 GPM w/partial returns. Attempt to establish circ and WO compressor parts. Wasatch, 80% SH, 20% SDST, BGG 250 U, CG 540 U, no shows. Aerated mud, MW 8.8, VIS 27, PH 9.5, ALK 1.4/6.0, CL 29,000, AIR 1000 cfm. cc: \$828,599.
- 1/22/92 11,953' TIH w/magnet to fish bit cones. 2'/2 hrs. Short trip 12 stds, WO compressor parts. Load hole w/1400 bbls mud and LCM w/full returns. Attempt to drill w/full returns. TOH w/bit, missing 3 cones. WO fishing tools. TIH w/7" magnet. Wasatch, 80% SH, 20% SDST, (50% red shale), BGG 200 U. MW 9.0, VIS 40, WL 40, PV 8, YP 5, 8-10% lcm, 2.5% SOL, PH 9.5, ALK 2.8/13.0, CL 19,000, CA 32, GELS 1, 10" 2, CAKE 2. CC: \$853,284.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 4

- 1/23/92 11,953' Drlg on junk - bottom appears clean now. TIH w/7" magnet and JB. Circ, work and fish w/JB and magnet. Chain out of hole. Recovered 3 outer cones. CO JB, recovered several small pieces. PU bit and 2 JB's. Make up bit and TIH to 11,724'. Ream to btm. Wasatch, TG #1 3500 U, #2 4100 U, BGG 350-400 U. MW 8.8, VIS 34, WL 48, PV 4, YP 4, 2.5% SOL, PH 9.5, ALK 2.6/12.6, CL 18,000, CA 26, GELS 0, 10" 2, CAKE 2. CC: \$867,199.
- 1/24/92 12,045' Drlg 92'/12.5 hrs. Drlg on junk. Fish on junk. POH w/bit and junk baskets at 1958'. RS, TIH w/bit #11. Wash & ream 120' to btm. Drlg. Wasatch, 80% SH (10% Red) 2% SDST, BGG 800 U, CG 1300 U, TG 3600 U. Note: On bottoms up after trip circulated abundant amount of brown oil. MW 8.8, VIS 31, WL 48, PV 3, YP 2, 8-10 PPD 1cm, 2.5% SOL, PH 9.5, ALK 2.8/13.6, CL 18,000, CA 32,000, GELS 1, 10" 1, CAKE 2. CC: \$880,675.
- 1/25/92 12,106' Inspect DC's. 61'/10.5 hrs. Drlg, RS. Chain out of hole for pressure loss. Inspect DC's. Jar manorel washed out, 20 cracked DC's, 5 pins, all w/20 boxes, cracked at btm thread. Wasatch, BGG 1000 U, CG 2000 U, 90% SH, 20% red brown, 10% SS. Drlg brk from 12,030-12,082', MPF 12-6-10.5, gas units 650-1600-1000, good TR oil SH w/TR SS. MW 9.0, VIS 60, WL 23.8, PV 31, YP 6, 5% LCM, 4% SOL, PH 9.5, ALK 2.0/8.2, CL 12,000, CA 20, GELS 4, 10" 10, CAKE 2. CC: \$891,605.
- 1/26/92 12,177' Drlg 71'/8.5 hrs. Finish Magnaflux BHA. PU bit, SS, 95 DC's. TIH, WO DC's, RS. Unload, strap, caliper, & PU 20 DC's, TIH. Unplug flowline, heavy oil. FTIH, wash to btm, no fill. Drlg, BGG 300 U, CG 800 U, TG 2000+, 80% SH, 20% LS, 50% red. MW 8.8, VIS 38, WL 32, PV 7, YP 3, 5% LCM, 2% SOL, PH 10, ALK 2.3/8.8, CL 13,000, CA 32, GELS 3, 10" 6, CAKE 2. CC: \$907,278.
- 1/27/92 12,355' Drlg 178'/23.5 hrs. Drlg, RS. Drlg in Wasatch, 80% SH, 20% SDST, BGG 400 U, CG 750 U. Losing 100 to 150 bbls mud/day due to seepage. MW 9.0, VIS 38, WL 20, PV 8, YP 8, 3% SOL, PH 10, ALK 2.1/8.2, CL 12,500, CA 24, GELS 2, 10" 5, CAKE 2. CC: \$914,903.
- 1/28/92 12,511' Drlg 156'/23.5 hrs. Drlg, RS. Drlg break in Wasatch, 12422-12,428', MPF 11-15-8, gas units 600-1280-1000, no oil, fluor or cut. 90% SH, 10% SDST, BGG 400 U, CG 800 U. MW 9.1, VIS 37, WL 14.2, PV 7, YP 9, 3.5% SOL, PH 10, ALK 1.8/6.2, CL 9500, CA 32, GELS 2, 10" 2, CAKE 2. CC: \$929,221.
- 1/29/92 12,562' Drlg 51'/7.5 hrs. Drlg, POOH for press lost: 1st joint on top of DC's, 1' up from pin - crack. TIH, cut drlg line, TIH. Wash & ream 60' to btm. Drlg, Wasatch, 90% SH, 10% LS, BGG 400, CG 800 U, TG 2000 U, lost 125 bbls mud after trip. MW 9.2, VIS 42, WL 12, PV 10, YP 11, 4% SOL, PH 10.5, ALK 1.7/5.4, CL 10,000, CA 48, GELS 4, 10" 12, CAKE 2. CC: \$938,907.
- 1/30/92 12,700' Drlg (at TD of 8-3/4" hole) 138'/23.5 hrs. Drlg, RS, drlg in Wasatch, 80% SH, 20% SS, BGG 400 U, CG 800 U. Lost 275 BM last 24 hrs due to seepage. MW 9.2, VIS 42, WL 12, PV 10, YP 10, 4% SOL, PH 10, ALK 1.3/4.3, CL 8000, CA 30, GELS 2, 10" 6, CAKE 2. CC: \$947,836.
- 1/31/92 12,700' TIH w/DP to condition hole to run csg. Circ & cond hole. Short trip 20 stds, no fill. Circ & cond hole. POH w/BHA to run logs. RU Schlumberger and run DIL, Sonic and Caliper logs. Logger's TD 12,699', BHT 178 deg F. TIH w/DP. Svy: 1/2 deg @ 12,700'. MW 9.2, VIS 44, WL 14, PV 12, YP 11, 4% SOL, PH 10, ALK 0.8/3.2, CL 6000, CAKE 24, GELS 3, 10" 9, CAKE 2. CC: \$966,602.
- 2/1/92 12,700' Circ & cond for csg. TIH. W&R 50' to btm. Circ & cond. POH, stuck at 8141'. Work stuck pipe at 8141'. Work stuck pipe at 8141'. Free - bit plugged. POH and unplug bit. TIH, W&R 60' to btm - no fill. Circ & cond. BGG 100 U, TG 1400 U. MW 9.2, VIS 38, WL 10, PV 10, YP 10, 4% SOL, PH 9.5, ALK .6/3.0, CL 6500, CA 36, GELS 2, 10" 8, CAKE 2. CC: \$981,406.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALAMONT FIELD
DUCHESNE COUNTY, UTAH

PAGE 5

- 2/2/92 12,700' LD 5" DP. Circ & cond for 7" csg. POH. RU Westates. Ran 138 jts 7", 26#, CS-95 (5889.95') w/Howco shoe 2.57', float 2.90', shoe jt 41.29, Baker hanger 15.60. TL = 5911.02'. Centralize 1st 6 and last 4 jts. TIH w/liner on 5 DP. Circ and cond. BGG 600 U, TG 2650U. Cmt w/Howco. 10 BFW, 30 bbls Super flush, 20 BFW. Lead 700 sx Silicalite with .3% Halad 413, .3% SCR 100, 3#/sx Capseal, 1/4#/sx Flocele, wt 11#/gal, 2.67 yield. Tail w/440 sx AG 250 w/.6% Halad 322 and .2% HR5 wt 16.4, yield 1.06. Drop plug and displ w/340 bbls 9.2 ppg mud. Good returns throughout job. Bumped plug at 2:51 a.m., 2/2/92. Pull 20 stds, LD 5" DP. CC: \$1,181,611.
- 2/3/92 12,700' Press test BOP's. LD 5" DP and DC's. Test to 5000 psi. Hydril will not hold. MW 9.1, VIS 33, WL 11.6, PV 5, YP 5, 4% SOL, PH 9.0, ALK .4/2.4, CL 4100, CA 20, GELS 0, 10" 3, CAKE 2. CC: \$1,188,205.
- 2/4/92 12,700' POOH. Press test kelly and valves to 5000 psi. Cut drlg line. PU BHA. Clean pits. PU 3-1/2" DP. Drill cmt 6770-6786'. Circ & cond. POOH. Will be down today for rig repairs: hydril, chg kelly hose, repair pits. MW 8.8, VIS 30, WL 16, PV 4, YP 4, 2% SOL, PH 9, ALK 1.1/4.5, CL 7000, CA 40, GELS 1, 10" 3, CAKE 2. CC: \$1,196,269.
- 2/5/92 12,700' PU 3 1/2" DP. POH. RR and chg out hydril rubber & kelly hose. WO BOP testers. Test hydril to 2500 psi. Set wave ring. TIH, drill seal assy in hanger. PU 3 1/2" DP. MW 8.7, VIS 31, WL 16, PV 4, YP 1, 2% SOL, Ph 9.5, ALK .7/3.2, CL 6000, CA 48, GELS 0, 10" 2, CAKE 2. CC: \$1,210,276.
- 2/6/92 12,700' Press test 9-5/8" csg w/pkr for leak. PU 3-1/2" DP. Drill cmt 12,560-12,611'. Press test liner lap 3.2 BPM at 1100 psi. RS, circ, lost returns. POOH, circ w/partial returns, POOH. WO cmt retainer. TIH w/EZSV, strap in. Set retainer at 6746', annulus would not fill, hole in 9-5/8" csg. Test below EZSV. Pump 2 BPM at 400 psi. Squeeze lap w/100 sx Prem + w/10#/sx Calseal, 15.6 PPG, 1.28 cu ft/sk. Displace w/45 bbls 8.7 PPG mud, 1500 psi max press, 700 psi @ 3 BPM at end of job. Held 700 psi after stopped pmpg. POOH, TIH w/RTTS. CC: \$1,232,275.
- 2/7/92 12,700' Squeeze parted csg. Set Howco RTTS at 3385'. No press inside or out (pump down DP and backside). POH 18 stds. Set RTTS at 1689'. No press in or out. POH 16 stds. Set RTTS at 189'. Annulus will not fill. POH and LD RTTS. W/O Dialog. RU and ran csg profile caliper logs. Csg parted at 620' in collar, ±4" separation. W/O RTTS. PU RTTS and TIH to 659'. Test 9-5/8" to 2000 psi, OK. Reset at 471'. Test annulus to 2000 psi, OK. Ran Schlumberger CBL 6746' to surf, no cmt 3750-3170' and 870-500'. TIH and set RTTS at 476'. RU Howco and sqz 100 sx Prem plus w/10#/sk Calseal, 2% CaCl2, wt. 15.6 ppg, yield 1.28. Displ w/10 bbls FW. Left 5-1/2 bbls cmt above hole. Stage 1 bbl each 10 min, 3 times. Left 1-1/2 bbls cmt in csg. Max press 150 psi. CC: \$1,251,945.
- 2/8/92 12,700' Drlg cmt. Sqz w/100 sx Prem + w/10#/sk Calseal and 2% CaCl2, 16.6#/gal. Displ and stage in, max press 125#. Pkr at 476'. POH, TIH w/bit. Drlg cmt from 617' to 629'. POH, TIH w/pkr. Sqz w/100 sx as above. Max press 188#. POH, TIH w/bit, no hard cmt. Circ, POH w/bit. TIH w/pkr. Sqz w/150 sx as above. Max press 360#. POH w/pkr. TIH w/bit. Drlg cmt from 490' to 620'. POH w/bit. TIH w/pkr. Sqz w/150 sx "G" w/2% CaCl2. 16.2#/gal. Max press 290#. POH, TIH w/bit. Drlg cmt 570' to 600', 1 1/2 MPF w/5000#. CC: \$1,259,124.
- 2/9/92 12,700' WO mill. Drlg, cmt, circ. POH w/bit. TIH w/pkr, set at 476'. Sqz w/150 sx "G" w/2% CaCl2. Stage in, max press 370#. POH, TIH w/bit. Drlg cmt 574' to 635', circ. POH, TIH w/pkr. Press test, held 600#. Bled to 500#. Sqz w/100 sx "G" w/2% CaCl2, stage in, max 920#. POH, TIH w/bit. Drlg cmt 568' to 680'. POH, TIH w/pkr. Test to 2000#. Leak-off to 1200# in 5 mins. Reset pkr at 720'. Held 2000# - OK. POH w/pkr, WO mill. CC: \$1,268,470.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 6

- 2/10/92 12,700' TIH w/fishing tools. TIH w/8-3/4" tapered mill. Work mill through csg part at 620'. POOH, TIH open-ended to 658', spot 50 sx "G" w/2% CaCl₂ (16.4 ppg). POOH, sqz w/blind rams closed. Press to 2000 psi, 3 times, 10 min. intervals, took 1-1/2 bbl, holding 2000 psi. WOC. Press test to 2000 psi, OK - 10 min. TIH w/8-3/4" bit, drill cmt 563' to 824', packed off, pump kelly out, bent kelly. Work stuck pipe 824' to 749' then stopped, no circ. RU Dialog, run free pt, stuck at bit. Back off @ 680', left bit and 2 DC's in hole (bit sub). Trip for BS & jars. Wtr, pH 11.5, ALK 2/3.3, CL 8100, CA 48. CC: \$1,276,101.
- 2/11/92 12,700' Circ on top of cmt retainer at 6746'. Fishing. Screwed into fish at 687'. Jar w/no movement. Ran free pt and back off at 717'. Left 1 DC in hole. POH w/fishing tools and 1 DC. PU 1 jt 7-5/8" wash pipe and TIH to 717'. Wash over to 749'. Fish fell. POH and PU screw-in sub, BS and jars, TIH. TOF at 848'. Screw in and POH. LD fish and tools. PU BHA and TIH, tag at 880'. W&R 880' to 1116'. TIH to 6710'. W&R 6710-6746'. Circ. MW 8.4, VIS 27, PH 12, ALK 1.8/3, CL 8000, CA 40. CC: \$1,296,870.
- 2/12/92 12,700' TIH w/6-1/8" bit. Circ, press test 9-5/8" csg above cmt retainer to 2000 psi for 10 min - OK. Drill EZSV and cmt to liner top at 6786'. Test 2000 psi for 10 min, OK. TFNB. Drill out liner hanger w/6-1/8" bit. TIH to 12,612'. Prep to drill out. MW 8.4, VIS 27, PH 12, ALK 2.2/3.6, CL 8500, CA 156. CC: \$1,303,708.
- 2/13/92 12,746' Drlg 46'/5 hrs. TIH to 12,610'. Drlg cmt and float. RS, drlg cmt, shoe jt and shoe. Drlg from 12,700' to 12,724'. POH, Magnaflux DC's. TIH w/Dia. cut drlg line. TIH, wash & ream 12,704' to 12,724', drlg. Wasatch, 100% SH, BGG 5 U, CG 10 U, TG 15 U. MW 8.6, VIS 36, WL 18.8, PV 6, YP 4, 1% SOL, PH 12, ALK 2.2/3.5, CL 8800. CC: \$1,335,241.
- 2/14/92 12,909' Drlg 163'/22.5 hrs. Drlg, work tight hole at 12,753'. Drlg, RS. Lost partial returns at 12,901'. Pump LCM sweep, obtained full returns. Drlg, Wasatch, BGG 5 U, CG 10 U. Drlg brk #12 from 12,894'-12,900'; MPF 10-5-7, gas units 5-50-10, no oil fluor or cut. Lost 170 bbls mud. MW 8.7, VIS 37, WL 12, PV 7, YP 5, 3% SOL, PH 11, ALK 2.1/3.4, CL 7000, CA 88, GELS 2, 10" 4, CAKE 2. CC: \$1,358,756.
- 2/15/92 13,000' Drlg 91'/21.5 hrs. Drlg, RS. RR, rot chain. Drlg, Wasatch, 90% SH, 10% SS, BGG 5 U, CG 10 U. No shows, no mud losses. MW 8.8, VIS 38, WL 14, PV 8, YP 4, 3% SOL, PH 10.5, ALK 1.7/3.2, CL 7000, CA 28, GELS 1, 10" 3, CAKE 2. CC: \$1,370,646.
- 2/16/92 13,095' Drlg 95'/23 hrs. Drlg, RS. Drlg, Wasatch, 70% SH, 30% SS, BGG 20 U, CG 35 U. No shows, no mud losses in last 24 hrs. MW 8.8, VIS 37, WL 11.8, PV 8, YP 4, 2% SOL, PH 10.5, ALK 1.8/2.7, CL 7000, CA 24, GELS 2, 10" 5, CAKE 2. CC: \$1,387,024.
- 2/17/92 13,202' Drlg 107'/23.5 hrs. Drlg, RS. Lost 100 bbls mud last 24 hrs. Wasatch, 90% SH, 10% SS, BGG 1000 U, CG 1200 U. Drlg brk from 13,090-104', MPF 13-17-20, gas units 10-2100-1200, abd yel oil, no fluor or cut; show #21 from 13,140-44', MPF 12-13.5-11, gas units 900-1700-600, abd yel oil, no fluor or cut. MW 10, VIS 44, WL 10.4, PV 17, YP 13, 2% OIL, 6% SOL, PH 10.5, ALK .9/2.3, CL 6500, CA 18, GELS 3, 10" 15, CAKE 2. CC: \$1,396,829.
- 2/18/92 13,263' Drlg 61'/11.5 hrs. Drlg, RS. Svy: 2 deg @ 13,252'. Trip out and chg BHA. Test mud motor. TIH. Wash 30' to btm. Drlg, Wasatch fm, 90% SH, 10% SS, BGG 200 U, CG 2200 U. Drlg brk from 13,190-91', MPF 12-17-10.5, gas units 1000-1800-1500, abd yel oil, no fluor or cut. Lost 200 bbls mud to seepage. MW 11, VIS 55, WL 8.4, PV 31, YP 13, 1% OIL, 10% SOL, PH 10.5, ALK .8/1.9, CL 5300, CA 10, GELS 4, 10" 18, CAKE 2. CC: \$1,424,323.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH

PAGE 7

- 2/19/92 13,454' Drlg 191'/22.5 hrs. Drlg, RR, packing in swivel. Drlg, RS. RR, mud pumps. Lost 200 bbls in last 24 hrs. Wasatch, 80% SH, 20% SS, BGG 800 U, CG 1200 U, TG 500 U. Drlg brk from 13,268-74', MPF 7-5.5-8.5, gas units 70-1500-600, abd yel oil, no fluor or cut. MW 11.7, VIS 39, WL 8.8, PV 17, YP 8, 2% OIL, 14% SOL, PH 10, ALK .5/1.5, CL 5000, CA 30, GELS 2, 10" 10, CAKE 2. CC: \$1,492,890.
- 2/20/92 13,616' Drlg 162'/23.5 hrs. Drlg, RS. Wasatch formation, 90% SH, 10% SDST, BGG 1200 U, CG 1800 U. No shows and no lost circ in last 24 hrs. MW 11.7, VIS 49, WL 9.8, PV 18, YP 16, 2% OIL, 14% SOL, PH 10, ALK 0.5/1.1, CL 4500, CA 20, GELS 1, 10" 7, CAKE 2. CC: \$1,458,814.
- 2/21/92 13,647' TIH w/new mud motor. 31'/5.5 hrs. Drlg, lost complete returns. Pump 2 LCM sweeps and gain full returns. Drlg, SI well w/25 bbl gain. SIDPP 375#, SICP 300#. Mix kill mud from 11.7 ppg to 12.3 ppg. Pump kill mud and circ out kick. Drlg, work mud motor and attempt to drill (mud mtr stalling). Circ and raise MW from 12.3 ppg to 12.7 ppg. TOH w/BHA. Chg out mud mtr. TIH w/BHA. Will rerun bit #16. Lost 200 bbls mud last 24 hrs. Drlg brk #24 from 13,630-13,640', MPF 9-8-12.5, gas units 1000-1900-1250, cut wt from 12.3 ppg to 10.5 ppg. Show of yel oil, no FL in cuttings, samples contained oil stain Calcite lime. Wasatch, 90% SH, 10% SD, BGG 500 U, CG 1700 U. MW 12.7, VIS 49, WL 10.2, PV 21, YP 14, 2% OIL, 20% SOL, PH 10.5, ALK 0.5/0.9, CL 3800, CA 20, GELS 12, 10" 22, CAKE 2. CC: \$1,475,573.
- 2/22/92 13,724' Drlg 77'/19 hrs. FTOH. Chg motors, TIH. Wash 30' to btm. Drlg, pmp 50 bbls LCM sweep, regain returns. Drlg, 90% SH, 10% SS, BGG 400 U, CG 700 U, TG 1500 U, no shows. Lost 40 bbls mud. MW 12.8, VIS 42, WL 11.6, PV 16, YP 12, 2% OIL, 17% SOL, PH 11.0, ALK .6/1.2, CL 5500, CA 40, GELS 10, 10" 18, CAKE 2. CC: \$1,501,981.
- 2/23/92 13,769' Drlg 45'/9 hrs. Drlg, chain OH. Press loss of 200#. Motor or jars. Chg BHA, TIH, RS. RR, high drum chain. TIH. Wash 60' to btm, no fill. Drlg, 90% SH, 10% SS, BGG 200 U, CG 400 U, TG 1600 U, no shows. 70 bbls mud lost. MW 12.8, VIS 38, WL 10, PV 15, YP 7, 2% OIL, 16% SOL, PH 10.5, ALK .4/1.0, CL 4500, CA 88, GELS 1, 10" 8, CAKE 2. CC: 1,515,192.
- 2/24/92 13,899' Drlg 130'/24 hrs. Drlg, Wasatch, 100% SH, BGG 200 U, CG 400 U. No shows or lost circ last 24 hrs. MW 12.8, VIS 40, WL 8.8, PV 17, YP 14, 1% OIL, 18% SOL, PH 10, ALK 0.3/0.9, CL 3800, CA 56, GELS 2, 10" 6, CAKE 2. CC: \$1,532,891.
- 2/25/92 14,042' Drlg 143'/23 hrs. Drlg, pump 2-50 bbls LCM sweeps @ 13,930'. Drlg, RS. Wasatch, 90% SH, 10% SDST, BGG 300 U, CG 550 U. Show #25 from 13,926-13,930', MPF 9-4.5-10, gas units 100-550-100, yel oil to shaker, no FL in cuttings, cut MW 13.0 to 12.8 ppg; show #26 from 13,980-983', MPF 8.5-9-9.5, gas units 100-550-150, TR of yel oil, cut MW 13.0 to 12.6 ppg; show #27 from 14,012-016', MPF 10.5-4.5-10, gas units 100-300-300, TR of yel oil, cut MW 13.0 to 12.6. Lost 206 BM in last 24 hrs. MW 13, VIS 41, WL 8.8, PV 18, YP 14, 1% OIL, 17% SOL, PH 10.5, ALK 0.4/1.1, CL 3900, CA 40, ELS 1, 10" 6, CAKE 2. CC: \$1,546,092.
- 2/26/92 14,200' Drlg 158'/23.5 hrs. Drlg, RS. Wasatch, 90% SH, 10% SDST, BGG 200 U, CG 400 U. No shows, lost 125 BM/24 hrs. MW 13, VIS 48, WL 8.4, PV 23, YP 13, 1% OIL, 19% SOL, PH 10.5, ALK 0.6/1.4, CL 3200, CA 20, GELS 2, 10" 12, CAKE 2. CC: \$1,560,443.
- 2/27/92 14,202' Drlg at rept time. 2'/½ hr. Drlg, TOH (chain out) for weight loss, twisted off DP at pin @ 4536'. TIH w/fishing tools (OS & bumper sub) & tag fish @ 4536'. Chain out and LD fishing tools. Fin TOH w/BHA. Magna Flux DC and BHA and LD 7 DC's w/cracked boxes, 5 jts crooked DP. PU replacement DC & DP. TIH w/BHA. Wash 60' to btm. Wasatch, 90% SH, 10% SDST, BGG 200 U, CG 400 U, no lost circ in last 24 hrs. MW 13, VIS 48, WL 8.4, PV 23, YP 13, 1% OIL, 19% SOL, PH 10.5, ALK 0.6/1.4, CL 3200, CA 20, GELS 2, 10" 12, CAKE 2. CC: \$1,573,725.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH

PAGE 8

- 2/28/92 14,270 Running open hole logs. 68'/9.5 hrs. Drlg, circ & cond hole. Short trip 20 stds up to btm 7" csg. Circ & cond hole. TOH w/BHA and SLM - 14,240' (30' off driller TD). Will restrap in hole before making correction. RU Schlumberger. Run open hole logs. Logger's TD 14,239'. Wasatch, 100% SH, BGG 200 U, CG 550 U, TG 1400 U. Show #29 from 14,192'-14,206', MPF 11.5-6-9, gas units 300-2200-400, yel oil at shaker, no FL in cuttings. Cut MW from 12.9 to 12.3. No lost circ last 24 hrs. MW 13, VIS 40, WL 8.2, PV 22, YP 11, 1% OIL, 18% SOL, PH 10.5, ALK 0.7/1.1, CL 3200, CA 10, GELS 5, 10" 12, CAKE 2. CC: \$1,595,053.
- 2/29/92 Corr 14,240'. Running 5" liner. Run logs w/Schlumberger: DLL/GR from TD to 12,607'; Sonic/Cal/GR from TD to 12,697'; WL Depth 14,239'. TIH, cut DL. Finish TIH. Circ btms up and cond mud. TOH. LD DC's and BHA. Rig csg crew and run 5" liner. No mud lost last 24 hrs. MW 13, VIS 40, WL 7.8, PV 21, YP 10, 1% OIL, 18% SOL, PH 10.5, ALK .6/1.0, CL 3100, CA 10, GELS 4, 10" 11, CAKE 2. CC: \$1,615,443.
- 3/1/92 14,240' ND BOP. Finish running 46 jts of 5" 18# CF-95 Hydril 521 thd csg, shoe, FC, LC and Brown RMC hanger. Talley 1821.31'. Ran 2 turbolators on first 6 and last 4 jts and every 2nd jt between LC at 14,195'. Marker jt at 13,294'. RD csg crew. TIH w/liner on 3½" DP. Circ btms up. Cmt w/Howco: 185 sx Prem AG 250, 35% SSA-1, 1% CFR-3, .4% Halad-24, .2% Super CBL, .3% HR-5. Displace w/31 BW and 81 bbls mud. Bump at 3 BPM 2900# liner to 4000#. Floats held. Good returns throughout job. Pull 20 stds DP, no flow back. LD DP and break kelly. ND BOP. CC: \$1,681,978.
- 3/2/92 14,240' Rig released. ND BOP, install tbg hd. NU 6" BOP, test to 5000 psi. Clean pits. Rig released @ 9:00 p.m., 3/1/92. CC: \$1,697,756.
FINAL DRILLING REPORT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 9

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESE COUNTY, UTAH
WI: 59.427% ANR AFE: 63866
TD: 14,240' (WASATCH) SD: 12/22/91
CSG: 5" LINER @ 14,240'
PERFS: 13,165'-14,176' (Wasatch)
CWC(M\$): 1,863.6

3/2/92 WOCU.
TC: \$1,697,756

3/3/92 Prep to MIRU CU.

3/4/92 Prep to MICU Sat., 3/7/92. Drlg equip still on location, extremely muddy.

3/8/92 MIRU. RIH w/6-1/8" drag bit & csg scraper. CO mud to 5820'. Lost circ. Est inj rate @ 3 BPM @ 1000 psi.
DC: \$6,822 TC: \$1,704,578

3/9/92 WOC. NU 10" BOP. PU 9-5/8" pkr & TIH to 6680'. Test liner top w/2000 psi, OK. POOH to 604'. Est rate of 3.8 BPM @ 1200 psi. POOH & RU cmt head on 9-5/8" csg. Cmt "old" csg part w/300 sx.
DC: \$11,532 TC: \$1,716,110

3/10/92 WOC, prep to drill out this a.m. WOC 24 hrs.

3/11/92 Drill cmt. PU 8-1/2" bit & drill collars. Tag TOC @ 526'. Drill plug and cmt to 575'. Trip out, change bit and TIH.
DC: \$17,138 TC: \$1,733,248

3/12/92 POOH w/BHA. DO cmt from 575' to 629'. Torquing up, POOH. PT csg to 2000 psi, OK. RIH w/6-1/8" bit. DO cmt to 700', POOH. RIH w/8-1/2" mill and dress csg @ 629'.
DC: \$7,589 TC: \$1,740,837

3/13-14/92 Run CBL log. CO 9-5/8" csg to 6786'. CO 7" csg from 12,143'-12,436'. CO 5" liner from 12,436'-14,218'. PT csg to 2000 psi. Circ hole.
DC: \$22,456 TC: \$1,763,293

3/16/92 Evaluate running scab liner. RIH w/GR-CBL log. Pressure csg to 2000#. Pressure fell off. Run CBL from 14,195'-10,000'. Log 7" LT and 850' to sfc in 9-5/8" csg. Est inj rate of 6.8 BPM @ 900#. RIH w/9-5/8" pkr and isolate csg leak @ 604'-635'. POOH.
DC: \$6,691 TC: \$1,769,984

3/17/92 Prep to install 7" scab liner.
DC: \$1,648 TC: \$1,771,632

3/18/92 Place well on flwg prod. RIH w/9-5/8" pkr on 7" csg and set @ 765'. Set 7" scab liner in slips. NU BOP's. PT csg to 3000 psi. Perf Wasatch from 13,165'-14,176' (67') w/3-3/8" guns, 3 SPF, 120° phasing, 2400# TP. Set pkr @ 12,500'. RIH w/seal assembly. ND BOP's, NU WH. Knock out plug. TP 1500#.
DC: \$30,138 TC: \$1,801,770

3/19/92 RDSU. Flwd 229 BO, 93 BW, 81 MCF, FTP 100 psi on 48/64" chk.
DC: \$80,575 TC: \$1,882,345

3/20/92 Flwd 140 BO, 82 BW, 386 MCF, FTP 150 psi on 48/64" chk.

3/21/92 Flwd 217 BO, 0 BW, 257 MCF, FTP 75 psi on 48/64" chk.

3/22/92 Flwd 205 BO, 0 BW, 270 MCF, FTP 125 psi on 48/64" chk.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 59.427% ANR AFE: 63866

PAGE 10

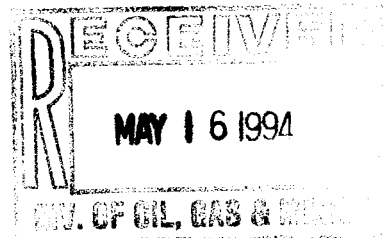
3/23/92 Flwd 169 BO, 0 BW, 273 MCF/21.5 hrs, FTP 75 psi on 48/64" chk. Prep to acidize Wasatch.

3/24/92 Place well on flwg prod. Acidized Wasatch perfs w/12,000 gals 15% HCl + additives & diverters w/302 - 1.1 BS's. MTP 8700 psi, ATP 8500 psi, MIR 10 BPM, AIR 9.2 BPM. ISIP 2870 psi, 15 min 1270 psi. Fiar diversion. 707 BLWTBR.
DC: \$41,833 TC: \$1,924,178

3/24/92 Flwd 933 BO, 29 BW, 709 MCF/17 hrs, FTP 550 psi on 26/64" chk.

3/25/92 Flwd 1515 BO, 17 BW, 1123 MCF/23 hrs, FTP 325 psi, 40/64" chk.

Final report.



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION FORM

COMPANY: ANR PRODUCTION CO COMPANY REP: HALE IVIE

WELL NAME: BROTHERSON #2-2B5 API NO: 43-013-31302

SECTION: 2 TWP: 02S RANGE: 05W

CONTRACTOR: WESTERN OIL WELL SERVICE RIG NUMBER: #12

INSPECTOR: DENNIS INGRAM TIME: 9:30 AM AM/PM DATE: 5/10/94

OPERATIONS AT THE TIME OF INSPECTION: POOH WITH FISHING TOOLS

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: POW

H2S: NO ENVIRONMENTAL: OK PIT: N ROPE: Y

DISPOSITION OF FLUIDS USED: FRAC & TANK

PERFORATED: _____ STIMULATED: _____ SAND CONTROL: _____

WATER SHUT OFF: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

CASING OR LINER REPAIR: Y ENHANCED RECOVERY: _____ THIEF ZONE: _____

CHANGE OF LIFT SYSTEM: _____ TUBING CHANGE: _____ OTHER CEMENT SQUEEZE: _____

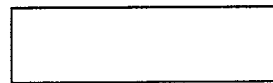
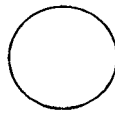
=====

REMARKS:

POOH WITH CATCH GRAPEL AND JARS. OPERATOR HAS SPUN SHOE OFF 7 5/8"
TIE-BACK STRING AND HAVE CHASED IT TO 9 5/8" SURFACE SHOE. CAUGHT
FISH ON FOLLOWING DAY AND ARE MILLING ON SHOE TRYING TO GET BEYOND
SURFACE PIPE.



WELLHEAD



PUMPJACK

LOCATION PLAT

BROTHERSON 2-2B5

SEC.2 T.2S R5W

DUCHESNE COUNTY, UTAH

API NO. 4301331302

ACCESS ROAD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: SCOTT SEALEY

WELL NAME: BROTHERSON 2-2B5 API NO: 43-013-31302

QTR/QTR: SW SE SECTION: 2 TWP: 2 S RANGE: 5 W

CONTRACTOR: PARKER DRILLING CO. RIG NUMBER: 235

INSPECTOR: BERRIER TIME: 3:20 PM DATE: 2/19/92

OPERATIONS: DRILLING AHEAD DEPTH: 13,527

SPUD DATE: DRY: _____ ROTARY: _____ T.D.: _____ DEPTH: _____

=====

WELL SIGN: _____ SANITATION: Y BOPE: Y BLOOIE LINE: Y

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: Y

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: SCOTT SEALEY

WELL NAME: BROTHERSON 2-2B5 API NO: 43-013-31302

QTR/QTR: SW SE SECTION: 2 TWP: 2 S RANGE: 5 W

CONTRACTOR: PARKER DRILLING CO. RIG NUMBER: 235

INSPECTOR: BERRIER TIME: 3:30 PM DATE: 2/4/92

OPERATIONS: PREP TO TEST 7" CASING DEPTH: 12,700

SPUD DATE: DRY: _____ ROTARY: 12/22/91 T.D.: _____ DEPTH: _____

=====

WELL SIGN: Y SANITATION: Y BOPE: Y BLOOIE LINE: Y

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: Y

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

CEMENT HAS BEEN DRILLED OUT TO THE TOP OF THE LINER. A TEST ON THE LINER
DID NOT HOLD AND A SQUEEZE WILL BE DONE TONIGHT.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: SCOTT SEALEY

WELL NAME: BROTHERSON 2-2B5 API NO: 43-013-31302

QTR/QTR: SW SE SECTION: 2 TWP: 2 S RANGE: 5 W

CONTRACTOR: PARKER DRILLING RIG NUMBER: 235

INSPECTOR: BERRIER TIME: 1:15 PM DATE: 1/28/92

OPERATIONS: TRIPPING PIPE LOOKING FOR HOLE DEPTH: 12,523

SPUD DATE: DRY: _____ ROTARY: _____ T.D.: _____ DEPTH: _____

=====

WELL SIGN: _____ SANITATION: Y BOPE: Y BLOOIE LINE: Y

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: Y

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: Y

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: JIM LARY

WELL NAME: BROTHERSON 2-2B5 API NO: 43-013-31302

QTR/QTR: SW SE SECTION: 2 TWP: 2 S RANGE: 5 W

CONTRACTOR: PARKER DRILLING RIG NUMBER: 235

INSPECTOR: HEBERTSON & BERRIER TIME: 11:00 AM DATE: 12/23/91

OPERATIONS: CHANGING OUT HYDRAULIC BRAKE DEPTH: 1,352

SPUD DATE: DRY: _____ ROTARY: 12/22/91 T.D.: _____ DEPTH: _____

=====

WELL SIGN: _____ SANITATION: Y BOPE: _____ BLOOIE LINE: Y

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: _____

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

SPUDDED 12/22/91 AT 4:00 AM.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: ANR PRODUCTION COMPANY COMPANY REP: JIM LARY

WELL NAME: BROTHERSON 2-2B5 API NO: 43-013-31302

QTR/QTR: SW SE SECTION: 2 TWP: 2 S RANGE: 5 W

CONTRACTOR: PARKER DRILLING RIG NUMBER: 235

INSPECTOR: HEBERTSON TIME: 11:25 AM DATE: 12/18/91

OPERATIONS: RIGGING UP DEPTH: _____

SPUD DATE: DRY: _____ ROTARY: _____ T.D.: _____ DEPTH: _____

=====

WELL SIGN: _____ SANITATION: Y BOPE: _____ BLOOIE LINE: _____

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: _____

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

RIG STILL MOVING IN.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION FORM

COMPANY: ANR PRODUCTION CO., INC COMPANY REP: MARVIN BOZART

WELL NAME: BROTHERSON #2-2B5 API NO: 43-013-31302

SECTION: 2 TWP: O2S RANGE: Q5W

CONTRACTOR: WESTERN OIL WELL SERVICE RIG NUMBER: #20

INSPECTOR: INGRAM TIME: 1:55 P.M. AM/PM DATE: 7/20/94

OPERATIONS AT THE TIME OF INSPECTION: TRIP IN W/TUBING AND PUMP CAVITY

=====

WELL SIGN: Y TYPE OF WELL: OIL STATUS PRIOR TO WORKOVER: POW

H2S: N ENVIRONMENTAL: Y PIT: N BOPE: Y

DISPOSITION OF FLUIDS USED: FRACK MASTER & TRUCK

PERFORATED: _____ STIMULATED: _____ SAND CONTROL: _____

WATER SHUT OFF: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

CASING OR LINER REPAIR: _____ ENHANCED RECOVERY: _____ THIEF ZONE: _____

CHANGE OF LIFT SYSTEM: _____ TUBING CHANGE: _____ OTHER CEMENT SQUEEZE: _____

=====

REMARKS:

HOLE AT 600 FEET. PATCHED WITH HOMCO INTERNAL PATCH.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:		5. Lease Designation and Serial Number: Fee
2. Name of Operator: ANR Production Company		6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476		7. Unit Agreement Name: N/A
4. Location of Well Footages: 1034' FSL & 2464' FEL QQ, Sec., T., R., M.: Section 2-T2S-R5W		8. Well Name and Number: Brotherson #2-2B5
		9. API Well Number: 43-013-31302
		10. Field and Pool, or Wildcat: Bluebell/Altamont
		County: Duchesne State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Add Perfs | |

Approximate date work will start 7/2/94

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed on the subject well.

6/30/94
Matthew

29

13. Name & Signature: N.O. Shiflett
Title: Dist. Drlg. Mgr. Date: 6/28/94

(This space for State use only)

WORKOVER PROCEDURE

BROTHERSON #2-2B5

Section 2-T2S-R5W

Altamont Field

Duchesne County, Utah

WELL DATA

LOCATION: 2,464' FEL and 1,034' FSL
ELEVATION: 6,787' GL; 6,809' KB
TOTAL DEPTH: 14,240' PBD: 14,218'
CASING: 9-5/8", 40#, S-95 ST&C @ 6,996' cmt'd w/ 1750 sxs
7", 26#, CS-95 LT&C liner from 6,786' - 12,697'
cmt w/ 1140 sxs
5", 18#, CF-95 LT&C from 12,419' - 14,240' cmt w/ 185 sxs
TUBING: 2-7/8" N-80.

TUBULAR DATA

Description	ID	Drift	Capacity B/F	Burst Psi	Collapse Psi
9-5/8" 40# S-95	8.835"	8.679"	.0758	6820	4230
7" 26# CS-95 LT&C	6.276"	6.151"	.0382	8600	7800
5" 18# CF-95	4.276"	4.151"	.0177	12040	12010

WELL HISTORY

03/92 Initial Completion. Perforate from 13,165' to 14,176', 3 JSPF, 181 holes. Acidized with 12,000 gals 15% HCL using ball sealers. Flowed 1581 BOPD, 1172 MCFD, 18 BWPD w/ FTP @325 psi on 40/64" choke.
04/92 Install beam pump.
Production Prior: 0 BOPD, 0 MCFD, 0 BWPD
Production After: 404 BOPD, 335 MCFD, 0 BWPD


PRESENT STATUS:

Producing 51 BOPD, 99 MCFD, 201 BWPD on beam pump. Well currently shut-in.

PROCEDURE

- 1) MIRU service rig.
- 2) RIH w/ mill and 9-5/8" csg scraper. CO 9-5/8" casing to 7" liner top at 6,786'. TOOH.
- 3) RIH w/ Heavy Wall Homco Steel Liner Casing Patch. Patch should be 30' long and made for 9-5/8" 40# casing. Set patch at 609' - 639' covering the casing part at 624'.
- 4) RIH w/ string mill. Dress top of 7" liner. RIH w/ mill and 7" csg scraper. CO 7" casing to 5" liner top @ 12,419'. POOH. RIH w/ CO tools. CO 5" liner to PBD +/- 14,218'.

- 5) RU wireline company. RIH w/ 3-1/8" casing gun, 120° phasing, 3 SPF and perforate the Wasatch Formation per the attached prognosis from 13,008' to 14,173'.
- 6) PU & RIH w/ 5" Mountain State Arrowset I, 10k, packer with on/off tool and profile nipple on 3-1/2" 9.3# N-80 tubing x'd-over to 2-7/8" 6.3# N-80 tubing. Set packer at +/- 12,950'. (Note top perforation at 13,008'.)
- 7) Load backside. Pressure back side to 1500 psi. **NOTE: Casing patch must set 24 hrs prior to pressuring up on annulus.** Acidize perforations 13,008' to 14,176' using 13,000 gals 15% HCL, BAF, rock salt, and ball sealers as shown on attached schedule. Run RA tracer to delineate stimulated zones.
- 8) Flow and swab back acid load.
- 9) If well flows back strongly, drop plug and release from on/off tool. POOH and LD 3-1/2" tubing. RIH with 2-7/8" tubing. Latch into packer. Retrieve plug and return well to production
- 10) RU Western Atlas. Run Prism log over stimulated interval.
- 11) When pressure drops and the well quits flowing, RIH w/ production equipment.

DKD:dkd 

GREATER ALTAMONT FIELD
ANRPC - BROTHERSON #2-2B5

SE/4 SECTION 2, T2S-R5W
DUCHESNE COUNTY, UTAH

PERFORATION SCHEDULE

DEPTH REFERENCE: Schlumberger Dual Laterolog, Run #2 (2/28/92)

14,173'	13,761'	13,554'	13,281'	13,088'
14,164'	13,751'	13,551'	13,257'	13,069'
14,142'	13,737'	13,543'	13,231'	13,068'
14,098'	13,733'	13,537'	13,208'	13,057'
14,073'	13,725'	13,520'	13,190'	13,050'
14,056'	13,694'	13,476'	13,164'	13,044'
14,046'	13,680'	13,457'	13,153'	13,038'
14,043'	13,670'	13,429'	13,148'	13,022'
14,040'	13,661'	13,422'	13,141'	13,017'
14,035'	13,636'	13,374'	13,131'	13,012'
13,999'	13,619'	13,371'	13,124'	13,008'
13,842'	13,612'	13,355'	13,117'	
13,817'	13,582'	13,336'	13,110'	
13,788'	13,572'	13,307'	13,106'	
13,770'	13,569'	13,295'	13,091'	

Gross Wasatch Interval: 13,008-14,173', 71 feet, 61 zones

R. J. La Rocque
May 6, 1994

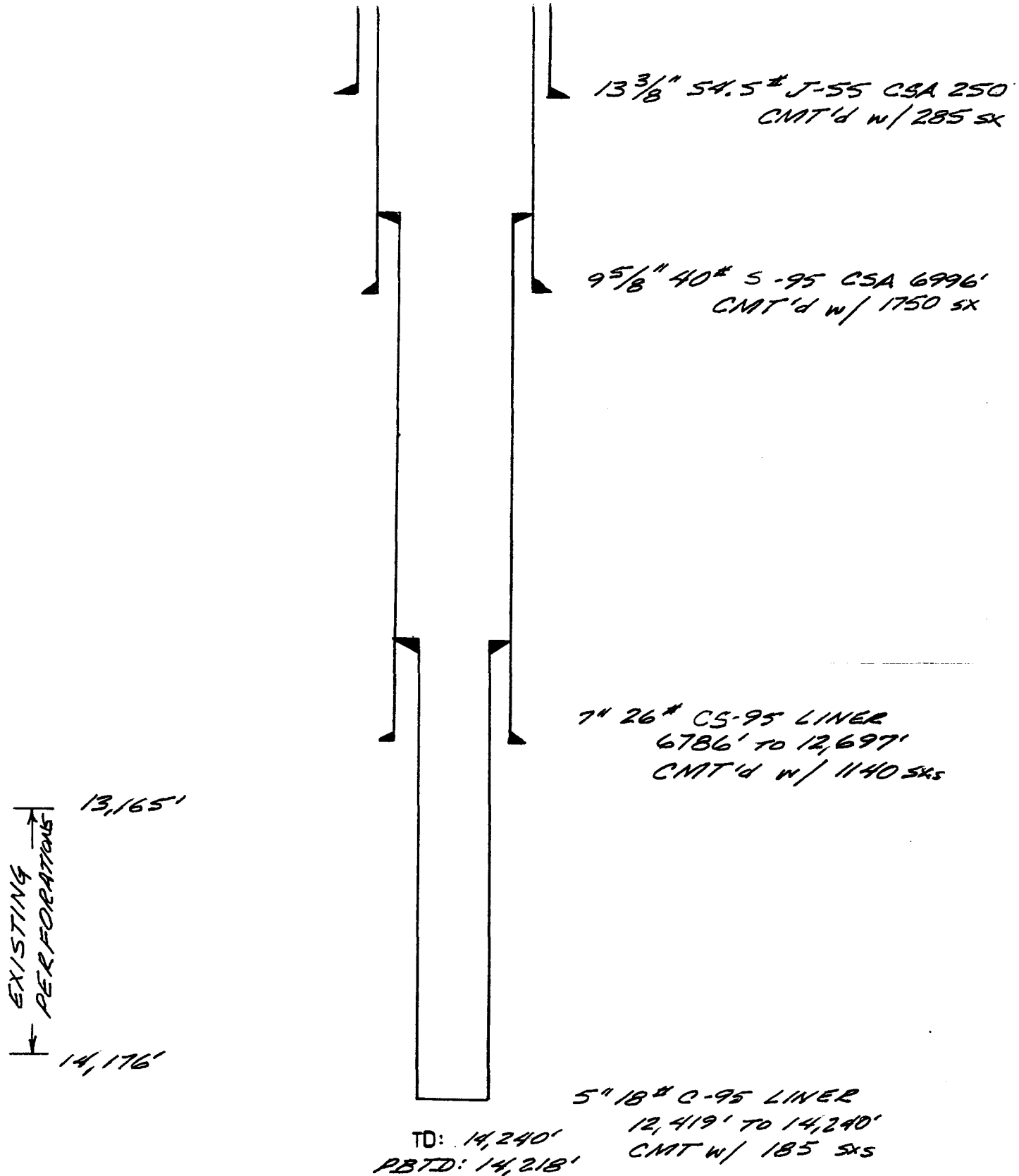
RJL:mar

PRESENT WELLBORE SCHEMATIC

BROTHERSON #2285
SEC 2 T2S R5W
DUCHESENE CO., UTAH

GL 6787'

KB 6809'



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

JUL 22 1992

SUNDRY NOTICES AND REPORTS ON WELLS
DIVISION OF OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) _____		2. Lease Designation and Serial Number Fee Indian Allottee or Tribe Name N/A
3. Name of Operator ANR Production Company		4. Unit or Communitization Agreement N/A
5. Address of Operator P.O. Box 749 Denver, CO 80201-0749		6. Well Name and Number Brotherson #2-2B5
7. Location of Well Footage : 1034' FSL and 2464' FEL Q. Sec. T. R. M. : SW/SE Section 2, T2S, R5W		8. API Well Number 43-013-31302
9. Telephone Number (303) 573-4476		10. Field and Pool, or Wildcat Bluebell/Altamont

County : Duchesne

State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Commingle Production</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
Must be accompanied by a cement verification report.

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANR Production Company requests permission to commingle oil & saltwater storage from the Brotherson #2-2B5 with the Potter #1-2B5, Tew #1-1B5 & Miles #2-1B5 wells. The Brotherson #2-2B5 has recently been completed and produces, along with the above wells, into the Tew #1-1B5 battery. A heater treater for the Brotherson #2-2B5 well has been installed @ the #1-1B5 battery (Section 1, T2S, R5W). The production from the Brotherson #2-2B5 will be run through this treater. Oil, water & gas meters on the outlet side of the treater will measure the production of these products, then the oil & water production will be commingled with the oil & water production from the other wells in the battery production volumes read at the heater treaters. Each treater in this battery has its own oil meter. To prove these meters a monthly well test is performed as follows: one well at a time is produced into a test tank for a period of not less than 24 hours. The test tank is then gauged & compared to the actual meter reading. A meter factor is then derived from this process.

This request is being made so as to save money on initial battery installation and ongoing battery maintenance costs.

I hereby certify that the foregoing is true and correct

Name & Signature

(Use Only)

Eileen Danni Dey

APPROVED BY Regulatory Analyst Date 7/17/92

OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 8-3-92

BY: JAV Jathens

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SEP 23

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1034' FSL & 2464' FEL

QQ, Sec., T., R., M.: Section 2-T2S-R5W

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Brotherson #2-2B5

9. API Well Number:

43-013-31302

10. Field and Pool, or Wildcat:

Bluebell/Altamont

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO, Perf | |

Date of work completion 8/7/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

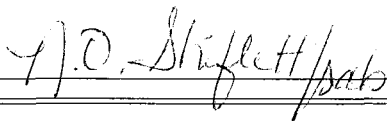
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed in the subject well.

13.

Name & Signature:



N.O. Shiflett

Title: District Drilling Manager

Date:

09/20/94

(This space for State use only)

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT, ADD WASATCH PERFS & ACIDIZE)

PAGE 12

ALTAMONT FIELD

DUCHESNE COUNTY, UTAH

WI: 59.426948% ANR AFE: 00260

TD: 14,240' PBD: 14,218'

7" @ 6786'-12,697'; 5" LINER @ 12,419'-14,240'

PERFS: 13,008'-14,176' (WASATCH)

CWC(M\$): 170.0

- 6/30/94 Finish POOH w/tbg.
MIRU. Removed HH, flushed rods w/40 bbls 200° wtr. POOH w/rods. RD rig equip. RU tbg equip. ND WH, NU 6" BOP. POOH w/11 stds tbg, EOT @ 9626'. CC: \$3,276
- 7/1/94 RIH w/string mill.
POOH w/tbg & BHA. ND 6" BOP & 6" x 10" spool. NU 10" BOP. RIH w/Graco 8½" bladed mill, 9½" csg scraper & tbg to 7" LT @ 6786'. POOH w/tbg, csg scraper & mill. CC: \$7,797
- 7/2-4/94 SD for weekend & holiday.
- 7/5/94 Dress up casing part.
PU string mill with 8-11/16" OD, 2 - 6-3/16" DC's & 14 jts 3½" DP. RU swivel. Hole @ 625'. Start dressing out csg @ 584'-to 628'. Tag bad spot w/taper mill @ 625'. Start milling. CO to 628'. PU to 614'. CC: \$22,696
- 7/6/94 Prep to set & swage csg patch.
RIH, tag @ 628'. Mill on csg. Mill past bad spot. Run to 707.28' w/btm mill. Top mill @ 667.46'. POOH. LD BHA. RIH w/csg patch, top of patch @ 609', btm @ 639'. POOH & LD setting tool. RIH with 8-7/16" OD swage. Pull tbg to 579.92'. CC: \$36,951
- 7/7/94 POOH w/string mill assembly.
Run thru csg patch with 8-7/16" swage. LDDP & BHA on Jones truck. ~~PU string mill.~~ RIH, tagged LT @ 6786' & dressed up tieback receptacle. POOH. CC: \$47,038
- 7/8/94 POOH w/bit & scraper.
POOH & LD BHA, ND 10" BOP's, NU 6" BOP's. RIH w/7" scraper & 6½" rock bit. Tag LT @ 12,419'. Start POOH. CC: \$51,947
- 7/9-10/94 SD for weekend.
- 7/11/94 RIH w/tbg & CO 5" liner.
POOH w/tbg. RIH w/Graco 4½" mill, 5" CO tool & 60 jts 2½" tbg. RIH w/167 stds 2½" tbg to 12,398'. CC: \$54,969
- 7/12/94 POOH w/CO tools.
RIH, tagged fill @ 14,110'. Milled out bridges @ 14,110' & 14,142', hard fill from 14,174' to 14,180', unable to get deeper. POOH & LD 4 jts 2½" tbg. CC: \$59,993
- 7/13/94 RU Cutters.
POOH w/CO tool & mill (2 jts tbg were plugged w/scale). CC: \$62,871
- 7/14/94 PU & RIH w/3½" tbg.
RU Cutters, perf Wasatch @ 14,173'-13,008' w/3½" csg guns, 3 SPF, 120° phasing.

<u>Run #</u>	<u>Interval</u>	<u>Feet</u>	<u>Holes</u>	<u>PSI</u>	<u>FL</u>
1	14,173'-13,725'	20	60	0	8600'
2	13,694'-13,374'	20	60	0	8600'
3	13,371'-13,091'	20	60	0	8600'
4	13,088'-13,008'	11	33	0	8600'
Total		<u>71</u>	<u>213</u>		

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT, ADD WASATCH PERFS & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 59.426948% ANR AFE: 00260

PAGE 13

7/14/94 (continued)
RD Cutters. RIH w/MSOT R-nipple, 1-jt 2 $\frac{3}{8}$ " tbg, 5" Arrowset I 10K pkr on-off tool & 17 jts 2 $\frac{7}{8}$ " N-80 8rd tbg. Change over to 3 $\frac{1}{2}$ ". RIH w/5 $\frac{3}{4}$ " No-Go & 194 jts 3 $\frac{1}{2}$ " tbg, EOT @ 6636'. CC: \$85,041

7/15/94 RU Dowell to acidize.
PU & RIH w/212 jts 3 $\frac{1}{2}$ " tbg, set pkr @ 12,937'. Filled csg w/511 BW. PT csg to 500#, held. CC: \$87,981

7/16-17/94 SD for weekend.

7/18/94 Swab testing.
RU Dowell. Acidize Wasatch perfs @ 13,008'-14,176' w/13,000 gal 15% HCl w/additives, BAF, rock salt and 600 - 1.1 ball sealers & 2-RA tags. MTP 9000#, ATP 8100#, MTR 32 BPM, ATR 21 BPM, min trtg rate 9.1 BPM. ISIP 3540#, 5 min SIP 0#. Had excellent diversion, 745 BLWTR. RD Dowell. Open well to tank, start swabbing. Swab 22 BO, 53 BLW/7 hr, IFL 7500', FFL 9200', oil cut 70%, pH 2.0, 11 BPH feed-in rate. Flushed tbg w/70 BW. CC: \$130,731

7/19/94 LD 3 $\frac{1}{2}$ " tbg.
Made 1 swab run & rec 7 BF, 40% oil (3 BO & 4 BW). FL 7500', pH 7. RD swab equip. Rls'd pkr. POOH & LD 340 jts 3 $\frac{1}{2}$ " tbg to 2585'. CC: \$134,867

7/20/94 Set TAC & ND BOP.
POOH & LD 66 jts 3 $\frac{1}{2}$ " tbg. RU Atlas & Prism Log from 14,081' to 12,800'. Unable to get logging tool below 14,081' (possible bridge). RIH w/prod BHA & 335 jts 2 $\frac{7}{8}$ " tbg to 10,499'. CC: \$144,011

7/21/94 Well on production.
Set TAC @ 10,499', SN @ 10,389'. ND BOP. Landed tbg on hanger w/20,000# tension. NU WH. RIH w/pump & rods. Space out & seat pump. PT tbg to 500#. RD rig & equip. Start unit pumping to flowline @ 3:00 p.m. CC: \$156,632

7/22/94 Pmpd 87 BO, 268 BW, 90 MCF.

7/23/94 Pmpd 68 BO, 235 BW, 84 MCF.

7/24/94 Pmpd 66 BO, 150 BW, 84 MCF, 9 SPM.

7/25/94 Pmpd 54 BO, 125 BW, 69 MCF, 9 SPM, 12 hrs.

7/26/94 Pmpd 96 BO, 203 BW, 70 MCF, 9 SPM.

7/27/94 Pmpd 66 BO, 232 BW, 60 MCF, 9 SPM.

7/28/94 Pmpd 73 BO, 229 BW, 71 MCF, 9 SPM, 22 hrs. Down 2 hrs - pump off controller.

7/29/94 Pmpd 64 BO, 298 BW, 69 MCF.

7/30/94 Pmpd 67 BO, 200 BW, 76 MCF, 9 SPM.

7/31/94 Pmpd 5 BO, 192 BW, 63 MCF, 11 hr. Down 13 hr - POC.

8/1/94 Pmpd 60 BO, 200 BW, 97 MCF, 9 SPM.

8/2/94 Pmpd 47 BO, 322 BW, 85 MCF, 9 SPM.
Will run dyno.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT, ADD WASATCH PERFS & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 59.426948% ANR AFE: 00260

PAGE 14

8/3/94 Pmpd 26 BO, 282 BW, 67 MCF, 9 SPM.
Ran dyno - FL @ 7900', SN @ 10,389'. Will increase SPM to 10.

8/4/94 Pmpd 37 BO, 295 BW, 73 MCF, 9.5 SPM.

8/5/94 Pmpd 56 BO, 281 BW, 56 MCF.

8/6/94 Pmpd 40 BO, 258 BW, 56 MCF.

8/7/94 Pmpd 77 BO, 211 BW, 56 MCF, 9.5 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER: ☐

2. Name of Operator:
ANR Production Company

3. Address and Telephone Number:
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well
Footages: 1034' FSL & 2464' FEL
QQ, Sec., T., R., M.: Section 2-T2S-R5W

5. Lease Designation and Serial Number:
Fee

6. If Indian, Allottee or Tribe Name:
N/A

7. Unit Agreement Name:
N/A

8. Well Name and Number:
Brotherson #2-2B5

9. API Well Number:
43-013-31302

10. Field and Pool, or Wildcat:
Bluebell/Altamont

County: Duchesne
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit In Duplicate)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO, Perf | |

Approximate date work will start Upon Approval

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

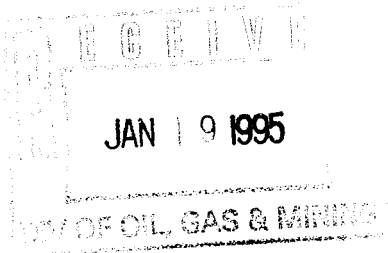
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed in the subject well.



13.

Name & Signature: N.O. Shiflett

Title: N.O. Shiflett
District Drilling Manager

Date: 01/18/95

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING

DATE: 1/20/95

BY: [Signature]

**BROTHERSON 2-2B5
SEC. 2-T2S-R5W
DUCHESNE COUNTY, UTAH**

WELL DATA

Location: 2464' FEL and 1034' FSL

Elevation: 6787' GL 6809' KB

Total Depth: 14,240' PBTD: 14,218'

Casing: 9-5/8" 40# S-95 ST&C set @ 6996' cmt'd w/1750 sx. Casing patch @ 609'-639'.

7" 26# CS-95 LT&C liner from 6786'-12,697' TOL @ 6786'. Cmt'd w/1140 sx. Liner top sqz w/100 sx.

5" 18# CF-95 LT&C from 12,419'-14,240' TOL @ 12,419'. Cmt'd w/185 sx.

Tubing: 2-7/8" 6.5# N-80

TUBULAR DATA

<u>Description</u>	<u>ID</u>	<u>Drift</u>	<u>Capacity (BPF)</u>	<u>Burst (PSI)</u>	<u>Collapse (PSI)</u>
9-5/8" 40# S-95	8.835"	8.679"	.0758	6,820	4,230
7" 26# CS-95	6.276	6.151	.0382	8,600	7,600
5" 18# CF-95	4.276	4.151	.0177	12,040	11,880
2-7/8" 6.5# N-80	2.441	2.347	.00579	10,570	11,160

Perforated interval: 13,008'-14,176' 138' 414 holes.

WELL HISTORY

3-25-92 Initial completion. Perforated from 13,165'-14,176' w/3-1/8" csg gun loaded w/3 JSPF 120° phasing. Acidized w/12,000 gals 15% HCl with ball sealers. AIR 9.2 BPM ATP 8500 psi ISIP 2870 psi IP 1515 BOPD 17 BWPD 1123 MCFPD FTP 325 psi 40/64" chk.

4-27-92 Converted well to rod pump.
Prior Prod: Well dead
Prod After: 405 BOPD 10 BWPD 335 MCFPD

7-6-94 RIH w/casing patch. Patch interval 609'-639'. Added Wasatch perms 13,008'-14,173' 3 SPF 71' 213 holes. Acidized w/13,000 gals 15% HCl. ATR 21 BPM ATP 8100 psi ISIP 3540 psi. Good diversion. Returned well to rod pump.
Prior Prod: 0-0-0
Prod After: 77 BOPD 211 BWPD 56 MCFPD

PRESENT STATUS

SI

PROCEDURE

1. MIRUSU. Rlse pmp set @ 10,391'. POOH w/rods & pump. Kill well w/trtd BW. NDWH NUBOP.
2. Rlse tbg anchor set @ 10,500'. POOH w/tbg.
3. RIH w/9-5/8" Baker Model C RBP or equivalent on 2-7/8" tbg. Set RBP @ 750'. PT csg to 500 psi. If patch does not hold, call Denver office for orders. Rlse RBP. POOH.
4. RIH w/6-1/8" bit & 7" csg scraper on 2-7/8" tbg. CO to TOL @ 12,419'. POOH w/tbg.
5. RIH w/7" RBP and retr. pkr to test 7" liner top @ 6786'. Set RBP @ 6880'. PU & set pkr. PT RBP to 2000 psi. Rlse pkr. POOH.
6. RIH w/9-5/8" retr pkr on 2-7/8" tbg. (ID of patch is 8.438"). Set pkr @ 6700'. PT TOL to 2000 psi. If liner top does not hold, call Denver office for squeeze procedure. Rlse pkr. POOH.
7. RIH w/retr head on 2-7/8" tbg. Rlse RBP set @ 6880'. POOH.
8. RIH w/4-1/8" mill & 5" CO tools on 60 jts 2-3/8" tbg and 2-7/8" tbg (P110 HD tbg).. CO to PBTD @ 14,218'. (Possible bridge or fill @ 14,081'). POOH w/tools.
9. RIH w/5" Arrowset retr pkr w/on-off tool and profile nipple on 2-7/8" workstring. Set pkr @ 13,650'. Perfs open above. Attempt to load backside.
10. MIRU Dowell. Acidize perfs:
13,661'-14,176' 57' 171 holes w/5500 gals 15% HCl per attached procedure. MTP 9500 psi. Attempt to keep backside full.
11. Swab back load. If well flows, let flow to clean up.
12. Kill well. Rlse pkr. POOH w/tbg.
13. MIRU wireline Co. Perforate the following interval w/a 3-1/8" csg gun loaded w/3 JSPF 120° phasing:
12,427'-12,928' 18' 54 holes.
Perforate the following interval w/a 4" csg gun loaded w/3 JSPF 120° phasing
11,469'-12,415' 45' 135 holes.
See attached perforation schedule.
14. RIH w/5" RBP w/ball catcher & pkr on 2-7/8" workstring. Set RBP @ 12,960'. PU set pkr. PT RBP to 2000 psi. Rlse pkr. POOH.
15. RIH w/7" Arrowset pkr on-off tool & profile nipple. Set pkr @ 11,400'. PT csg to 500 psi.
16. MIRU Dowell. Acidize interval from 11,469'-12,928' w/6000 gals 15% HCl per attached procedure. MTP 9500 psi.
17. Swab back load. If well flows, flow to clean up.
18. Kill well. Rlse pkr. POOH.
19. RIH w/retr head on 2-7/8" tbg. Rlse RBP set @ 12,960'. POOH.
20. RIH w/prod equipment per design.

GREATER ALTAMONT FIELD
ANR, BROTHERRSON #2-2B5
 SE/4 Sec. 2, T2S-R5W
 Duchesne County, Utah

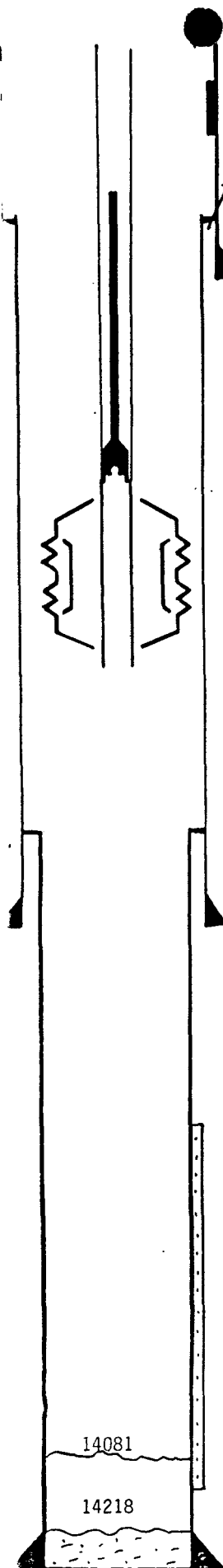
PERFORATION SCHEDULE

DEPTH REFERENCE: SCHLUMBERGER DLL, Run #1, 1-30-92; Run #2, 2-28-92

<u>Run #1:</u>	11,906	12,415 ⁴⁵
11,469	11,929	12,427
11,479	11,957	12,439
11,488	11,979	12,477
		12,495
11,552	12,025	
11,579	12,045	12,621
11,587	12,055	
11,595	12,064	<u>Run #2:</u>
	12,095	12,677
11,624		12,686
11,635	12,105	12,691
11,643	12,132	
11,690	12,151	12,727
11,695	12,170	12,745
	12,195	12,767
11,735		12,779
11,738	12,248	12,797
11,743	12,278	
11,755	12,291	12,813
11,763		12,828
	12,305	12,849
11,801	12,312	
11,841	12,321	12,910
11,884	12,334	12,928
11,888	12,348	12,988
	12,375	

65 total feet, 59 zones

P. T. Loeffler
 December 20, 1994



Lease Brotherson 2-2 B5
Well No. 2-2B5
KB. 22'
9 5/8" OD 40 LB. S-95 CSG. w/ 1750 SX
TOC @
7" OD 26 LB. CS-95 CSG. w/ 1140 SX
TOC @ circ
5" OD 18 LB. CF-95 CSG. w/ 185 SX
TOC @ circ

SN @ 10,391

TRG ANC
10,500

12419

12687

13,008

3SPF
138' 414 Holes

14081

Fill Possible Bridge

14,176

14218

14,240

94/11583
25/12588

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Brotherson #2-2B5

9. API Well Number:

43-013-31302

10. Field and Pool, or Wildcat:

Bluebell/Altamont

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

ANR Production Company

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 1034' FSL & 2464' FEL

QQ. Sec., T., R., M.: Section 2-T2S-R5W

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

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| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other CO, Perf | |

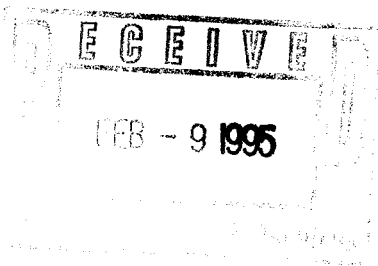
Date of work completion 8/7/94

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed in the subject well.



13.

Name & Signature:

N.O. Shiflett / sab

N.O. Shiflett
Title: District Drilling Manager

Date: 09/20/94

(This space for State use only)

2/3/95.
tax credit.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT, ADD WASATCH PERFS & ACIDIZE)
ALTAMONT FIELD
DUCHESE COUNTY, UTAH
WI: 59.426948% ANR AFE: 00260
TD: 14,240' PBD: 14,218'
7" @ 6786'-12,697'; 5" LINER @ 12,419'-14,240'
PERFS: 13,008'-14,176' (WASATCH)
CWC(M\$): 170.0

PAGE 12

- 6/30/94 Finish POOH w/tbg.
MIRU. Removed HH, flushed rods w/40 bbls 200° wtr. POOH w/rods. RD
rig equip. RU tbg equip. ND WH, NU 6" BOP. POOH w/11 stds tbg. EOT
@ 9626'. CC: \$3,276
- 7/1/94 RIH w/string mill.
POOH w/tbg & BHA. ND 6" BOP & 6" x 10" spool. NU 10" BOP. RIH
w/Graco 8½" bladed mill. 9½" csg scraper & tbg to 7" LT @ 6786'.
POOH w/tbg. csg scraper & mill. CC: \$7,797
- 7/2-4/94 SD for weekend & holiday.
- 7/5/94 Dress up casing part.
PU string mill with 8-11/16" OD. 2 - 6-3/16" DC's & 14 jts 3½" DP.
RU swivel. Hole @ 625'. Start dressing out csg @ 584'-to 628'. Tag
bad spot w/taper mill @ 625'. Start milling. CO to 628'. PU to
614'. CC: \$22,696
- 7/6/94 Prep to set & swage csg patch.
RIH, tag @ 628'. Mill on csg. Mill past bad spot. Run to 707.28'
w/btm mill. Top mill @ 667.46'. POOH. LD BHA. RIH w/csg patch.
top of patch @ 609'. btm @ 639'. POOH & LD setting tool. RIH with
8-7/16" OD swage. Pull tbg to 579.92'. CC: \$36,951
- 7/7/94 POOH w/string mill assembly.
Run thru csg patch with 8-7/16" swage. LDDP & BHA on Jones truck.
PU string mill. RIH, tagged LT @ 6786' & dressed up tieback
receptacle. POOH. CC: \$47,038
- 7/8/94 POOH w/bit & scraper.
POOH & LD BHA, ND 10" BOP's. NU 6" BOP's. RIH w/7" scraper & 6½"
rock bit. Tag LT @ 12,419'. Start POOH. CC: \$51,947
- 7/9-10/94 SD for weekend.
- 7/11/94 RIH w/tbg & CO 5" liner.
POOH w/tbg. RIH w/Graco 4½" mill, 5" CO tool & 60 jts 2½" tbg. RIH
w/167 stds 2½" tbg to 12,398'. CC: \$54,969
- 7/12/94 POOH w/CO tools.
RIH, tagged fill @ 14,110'. Milled out bridges @ 14,110' & 14,142'.
hard fill from 14,174' to 14,180'. unable to get deeper. POOH & LD
4 jts 2½" tbg. CC: \$59,993
- 7/13/94 RU Cutters.
POOH w/CO tool & mill (2 jts tbg were plugged w/scale). CC: \$62,871
- 7/14/94 PU & RIH w/3½" tbg.
RU Cutters, perf Wasatch @ 14,173'-13,008' w/3½" csg guns. 3 SPF.
120° phasing.

<u>Run #</u>	<u>Interval</u>	<u>Feet</u>	<u>Holes</u>	<u>PSI</u>	<u>FL</u>
1	14,173'-13,725'	20	60	0	8600'
2	13,694'-13,374'	20	60	0	8600'
3	13,371'-13,091'	20	60	0	8600'
4	13,088'-13,008'	<u>11</u>	<u>33</u>	0	8600'
Total		<u>71</u>	<u>213</u>		

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT, ADD WASATCH PERFS & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 59.426948% ANR AFE: 00260

PAGE 13

7/14/94 (continued)
RD Cutters. RIH w/MSOT R-nipple. 1-jt 2 $\frac{3}{4}$ " tbg. 5" Arrowset I 10K pkr on-off tool & 17 jts 2 $\frac{3}{4}$ " N-80 8rd tbg. Change over to 3 $\frac{1}{2}$ ". RIH w/5 $\frac{3}{4}$ " No-Go & 194 jts 3 $\frac{1}{2}$ " tbg. EOT @ 6636'. CC: \$85,041

7/15/94 RU Dowell to acidize.
PU & RIH w/212 jts 3 $\frac{1}{2}$ " tbg. set pkr @ 12,937'. Filled csg w/511 BW. PT csg to 500#, held. CC: \$87,981

7/16-17/94 SD for weekend.

7/18/94 Swab testing.
RU Dowell. Acidize Wasatch perfs @ 13,008'-14,176' w/13,000 gal 15% HCl w/additives. BAF, rock salt and 600 - 1.1 ball sealers & 2-RA tags. MTP 9000#. ATP 8100#. MTR 32 BPM. ATR 21 BPM. min trtg rate 9.1 BPM. ISIP 3540#. 5 min SIP 0#. Had excellent diversion. 745 BLWTR. RD Dowell. Open well to tank, start swabbing. Swab 22 BO. 53 BLW/7 hr. IFL 7500'. FFL 9200'. oil cut 70%, pH 2.0. 11 BPH feed-in rate. Flushed tbg w/70 BW. CC: \$130,731

7/19/94 LD 3 $\frac{1}{2}$ " tbg.
Made 1 swab run & rec 7 BF. 40% oil (3 BO & 4 BW). FL 7500'. pH 7. RD swab equip. Rls'd pkr. POOH & LD 340 jts 3 $\frac{1}{2}$ " tbg to 2585'. CC: \$134,867

7/20/94 Set TAC & ND BOP.
POOH & LD 66 jts 3 $\frac{1}{2}$ " tbg. RU Atlas & Prism Log from 14,081' to 12,800'. Unable to get logging tool below 14,081' (possible bridge). RIH w/prod BHA & 335 jts 2 $\frac{3}{4}$ " tbg to 10,499'. CC: \$144,011

7/21/94 Well on production.
Set TAC @ 10,499'. SN @ 10,389'. ND BOP. Landed tbg on hanger w/20,000# tension. NU WH. RIH w/pump & rods. Space out & seat pump. PT tbg to 500#. RD rig & equip. Start unit pumping to flowline @ 3:00 p.m. CC: \$156,632

7/22/94 Pmpd 87 BO. 268 BW. 90 MCF.

7/23/94 Pmpd 68 BO. 235 BW. 84 MCF.

7/24/94 Pmpd 66 BO. 150 BW. 84 MCF. 9 SPM.

7/25/94 Pmpd 54 BO. 125 BW. 69 MCF. 9 SPM. 12 hrs.

7/26/94 Pmpd 96 BO. 203 BW. 70 MCF. 9 SPM.

7/27/94 Pmpd 66 BO. 232 BW. 60 MCF. 9 SPM.

7/28/94 Pmpd 73 BO. 229 BW. 71 MCF. 9 SPM. 22 hrs. Down 2 hrs - pump off controller.

7/29/94 Pmpd 64 BO. 298 BW. 69 MCF.

7/30/94 Pmpd 67 BO. 200 BW. 76 MCF. 9 SPM.

7/31/94 Pmpd 5 BO. 192 BW. 63 MCF. 11 hr. Down 13 hr - POC.

8/1/94 Pmpd 60 BO. 200 BW. 97 MCF. 9 SPM.

8/2/94 Pmpd 47 BO. 322 BW. 85 MCF. 9 SPM.
Will run dyno.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (CLEANOUT. ADD WASATCH PERFS & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UTAH
WI: 59.426948% ANR AFE: 00260

PAGE 14

8/3/94 Pmpd 26 BO, 282 BW, 67 MCF, 9 SPM.
Ran dyno - FL @ 7900', SN @ 10,389'. Will increase SPM to 10.

8/4/94 Pmpd 37 BO, 295 BW, 73 MCF, 9.5 SPM.

8/5/94 Pmpd 56 BO, 281 BW, 56 MCF.

8/6/94 Pmpd 40 BO, 258 BW, 56 MCF.

8/7/94 Pmpd 77 BO, 211 BW, 56 MCF, 9.5 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: See Attached

QQ, Sec., T., R., M.: See Attached

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

See Attached

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County: See Attached

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Change of Operator | |

Date of work completion _____

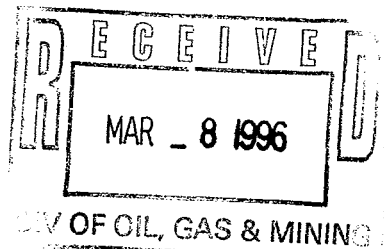
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective December 27, 1995, ANR Production Company relinquished and Coastal Oil & Gas Corporation assumed operations for the subject wells (see attached). Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under the following bonds: State of Utah #102103, BLM Nationwide Bond #U605382-9, and BIA Nationwide Bond #11-40-66A. Coastal Oil & Gas Corporation, as operator, agrees to be responsible under the terms and conditions of the leases for the operations conducted upon leased lands.

Bonnie Carson
Bonnie Carson, Sr. Environmental & Safety Analyst
ANR Production Company



13.

Name & Signature:

Sheila Bremer

Sheila Bremer

Environmental & Safety Analyst

Title: Coastal Oil & Gas Corporation

Date: 03/07/96

(This space for State use only)

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	CA No.	LOCATION OF WELL			
					Footages	Section, Township & Range	Field	County
Brotherson 1-33A4	43-013-30272	Patented 1680	N/A	N/A	820' FNL & 660' FEL	NENE, 33-1S-4W	Altamont	Duchesne
Brotherson 2-10B4	43-013-30443	Patented 1615	N/A	N/A	1241' FSL & 1364' FWL	SESW, 10-2S-4W	Altamont	Duchesne
Brotherson 2-14B4	43-013-30815	Fee 10450	N/A	N/A	2557' FSL & 1642' FWL	NESW, 14-2S-4W	Altamont	Duchesne
Brotherson 2-15B4	43-013-31103	Fee 1771	N/A	N/A	996' FWL & 1069' FSL	SWSW, 15-2S-4W	Altamont	Duchesne
Brotherson 2-22B4	43-013-31086	Fee 1782	N/A	N/A	1616' FWL & 1533' FSL	NESW, 22-2S-4W	Altamont	Duchesne
→ Brotherson 2-2B5	43-013-31302	Fee 11342	N/A	N/A	1034' FSL & 2464' FEL	SWSE, 2-2S-5W	Altamont	Duchesne
Christensen 2-29A4	43-013-31303	Fee 11235	N/A	N/A	1425' FSL & 2131' FEL	NWSE, 29-1S-4W	Altamont	Duchesne
Crook 1-6B4	43-013-30213	Patented 1825	N/A	N/A	2485' FNL & 1203' FEL	SENE, 6-2S-4W	Altamont	Duchesne
Dastrup 2-30A3	43-013-31320	Fee 11253	N/A	N/A	1250' FSL & 1229' FWL	SWSW, 30-1S-3W	Altamont	Duchesne
Doyle 1-10B3	43-013-30187	Patented 1810	N/A	N/A	2382' FNL & 2157' FWL	SENE, 10-2S-3W	Bluebell	Duchesne
Duncan 2-9B5	43-013-30719	Fee 2410	N/A	N/A	1701' FWL & 1554' FSL	NESW, 9-2S-5W	Altamont	Duchesne
Ehrich 3-11B5	43-013-31080	Fee 1691	N/A	N/A	1654' FSL & 1754' FWL	NESW, 11-2S-5W	Altamont	Duchesne
Elder 1-13B2	43-013-30366	Patented 1905	N/A	N/A	1490' FNL & 1334' FEL	SWNE, 13-2S-2W	Bluebell	Duchesne
Ellsworth 1-17B4	43-013-30126	Patented 1695	N/A	N/A	763' FNL & 1189' FEL	NENE, 17-2S-4W	Altamont	Duchesne
Ellsworth 1-19B4	43-013-30183	Patented 1760	N/A	N/A	2043' FNL & 1764' FEL	SWNE, 19-2S-4W	Altamont	Duchesne
Ellsworth 1-20B4	43-013-30351	Patented 1900	N/A	N/A	1744' FNL & 1342' FEL	SWNE, 20-2S-4W	Altamont	Duchesne
Ellsworth 1-8B4	43-013-30112	Fee 1655	N/A	N/A	1755' FNL & 2377' FEL	SWNE, 8-2S-4W	Altamont	Duchesne
Ellsworth 2-17B4	43-013-31089	Fee 1696	N/A	N/A	1355' FWL & 1362' FSL	NESW, 17-2S-4W	Altamont	Duchesne
Ellsworth 2-19B4	43-013-31105	Fee 1761	N/A	N/A	1402' FSL & 1810' FWL	NESW, 19-2S-4W	Altamont	Duchesne
Ellsworth 2-20B4	43-013-31090	Fee 1902	N/A	N/A	677' FWL & 1611' FSL	NWSW, 20-2S-4W	Altamont	Duchesne
Ellsworth 3-20B4	43-013-31389	Fee 11488	N/A	N/A	1500' FNL & 1203' FWL	SWNW, 20-2S-4W	Altamont	Duchesne
Farnsworth 1-12B5	43-013-31024	30124 Patented 1645	N/A	N/A	2479' FNL & 1503' FEL	SWNE, 12-2S-5W	Altamont	Duchesne
Farnsworth 1-13B5	43-013-30092	Patented 1610	N/A	N/A	670' FNL & 1520' FEL	NWNE, 13-2S-5W	Altamont	Duchesne
Farnsworth 1-7B4	43-013-30097	Patented 1600	N/A	N/A	1923' FNL & 1095' FEL	SENE, 7-2S-4W	Altamont	Duchesne
Farnsworth 2-12B5	43-013-31115	Fee 1646	N/A	N/A	993' FSL & 768' FWL	SWSW, 12-2S-5W	Altamont	Duchesne
Farnsworth 2-7B4	43-013-30470	Patented 1935	N/A	N/A	1292' FSL & 1500' FWL	SESW, 7-2S-4W	Altamont	Duchesne
Fieldstead 2-28A4	43-013-31293	Fee 11177	N/A	N/A	2431' FSL & 2212' FWL	NESW, 28-1S-4W	Altamont	Duchesne
Galloway 1-18B1	43-013-30575	Fee 2365	N/A	N/A	1519' FNL & 1565' FEL	SWNE, 18-2S-1W	Bluebell	Duchesne
Hanskutt 2-23B5	43-013-30917	Fee 9600	N/A	N/A	951' FSL & 761' FWL	SWSW, 23-2S-5W	Altamont	Duchesne
Hanson 1-24B3	43-013-30629	Fee 2390	N/A	N/A	1354' FNL & 1540' FWL	NENW, 24-2S-3W	Bluebell	Duchesne
Hanson 2-9B3	43-013-31136	Fee 10455	N/A	N/A	1461' FWL & 1531' FSL	NESW, 9-2S-3W	Altamont	Duchesne
Hanson Trust 1-32A3	43-013-30141	Patented 1646	N/A	N/A	671' FNL & 1710' FEL	NWNE, 32-1S-3W	Altamont	Duchesne
Hanson Trust 1-5B3	43-013-30109	Patented 1635	N/A	N/A	1200' FNL & 1140' FWL	NENE, 5-2S-3W	Altamont	Duchesne
Hanson Trust 2-29A3	43-013-31043	Fee 10205	N/A	N/A	1857' FWL & 1394' FSL	NESW, 29-1S-3W	Altamont	Duchesne
Hanson Trust 2-32A3	43-013-31072	Fee 1641	N/A	N/A	1141' FWL & 1602' FSL	NWSW, 32-1S-3W	Altamont	Duchesne
Hanson Trust 2-5B3	43-013-31079	Fee 1636	N/A	N/A	1606' FSL & 1482' FWL	NESW, 5-2S-3W	Altamont	Duchesne
Hartman 1-31A3	43-013-30093	Fee 5725	N/A	N/A	1019' FNL & 1024' FEL	NENE, 31-1S-3W	Altamont	Duchesne
Hartman 2-31A3	43-013-31243	Fee 11026	N/A	N/A	2437' FSL & 1505' FWL	SWSW, 31-1S-3W	Altamont	Duchesne
Hunt 1-21B4	43-013-30214	Patented 1840	N/A	N/A	1701' FNL & 782' FEL	SENE, 21-2S-4W	Altamont	Duchesne
Hunt 2-21B4	43-013-31114	Fee 1839	N/A	N/A	1512' FWL & 664' FSL	NESW, 21-2S-4W	Altamont	Duchesne
Iorg 2-10B3	43-013-31388	Fee 11482	N/A	N/A	738' FNL & 660' FEL	NENE, 10-2S-3W	Altamont	Duchesne
Lake Fork 3-15B4	43-013-31358	Fee 11378	N/A	N/A	1300' FNL & 1450' FWL	NENW, 15-2S-4W	Altamont	Duchesne
Lawrence 1-30B4	43-013-30220	Fee 1845	N/A	N/A	919' FNL & 1622' FEL	NWNE, 30-2S-4W	Altamont	Duchesne
Lawson 1-28A1	43-013-30358	Fee 1901	N/A	N/A	2275' FSL & 1802' FEL	NWSE, 28-1S-1W	Bluebell	Duchesne
Lazy K 2-14B3	43-013-31354	Fee 11452	N/A	N/A	1670' FSL & 1488' FEL	NWSE, 14-2S-3W	Bluebell	Duchesne
Lindsay 2-33A4	43-013-31141	Fee 10457	N/A	N/A	1499' FWL & 663' FSL	SESW, 33-1S-4W	Altamont	Duchesne
Lotridge Gates 1-3B3	43-013-30117	Patented 1670	N/A	N/A	965' FNL & 750' FEL	NENE, 3-2S-3W	Altamont	Duchesne
Matthews 2-13B2	43-013-31357	Fee 11374	N/A	N/A	858' FNL & 1098' FWL	NWNW, 13-2S-2W	Bluebell	Duchesne
Meeks 3-8B3	43-013-31377	Fee 11489	N/A	N/A	1065' FNL & 1124' FWL	NWNW, 8-2S-3W	Altamont	Duchesne

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Brotherson #2-2B5

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-31302

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

10. Field and Pool, or Wildcat:

Bluebell/Altamont

4. Location of Well

Footages: 1034' FSL & 2464' FEL

County: Duchesne

QQ, Sec., T., R., M.: Section 2-T2S-R5W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input checked="" type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Run 7" tie back, Perf | |

Approximate date work will start Upon Approval

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed in the subject well.

13.

Name & Signature:

Title:

N.O. Shiflett

District Drilling Manager

Date:

05/05/95

(This space for State use only)

 APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING

DATE: 5-9-95

BY:

BROTHERSON 2-2B5

SUPPLEMENTAL PROCEDURE:

1. MIRU PU. Kill well. NDWH NUBOP. POOH w/tbg.
2. RIH w/RBP & PKR on 2-7/8" tbg. Set RBP @ 6900'. PU, set PKR. PT plug to 2000 psi. Spot 4 sx sand on RBP thru tbg. POOH.
3. RIH w/8" mill on 2-7/8" tbg. CO to top of liner @ 6786'. POOH
4. RIH w/CO mill. Polish inside of receptacle. POOH
5. RIH w/top dress mill. Dress off top of receptacle.
Circ hole w/packer fluid. (Champion R-2383 1/2% BV). POOH
6. RIH w/Baker tie-back stem w/ premium seals on 7" csg. Tie back to surface.
7. PT csg to 2000 psi.
8. RIH w/retr head on 2-7/8" tbg. Circ sand off RBP. Rlse RBP. POOH.
9. Proceed w/step 8 on original procedure dated 12/30/94.

BROTHERSON 2
SEC. 2-T2S-R5W
DUCHESE COUNTY, UTAH

WELL DATA

Location: 2464' FEL and 1034' FSL

Elevation: 6787' GL 6809' KB

Total Depth: 14,240' PBTD: 14,218'

Casing: 9-5/8" 40# S-95 ST&C set @ 6996' cmt'd w/1750 sx. Casing patch @ 609'-639'.

7" 26# CS-95 LT&C liner from 6786'-12,697' TOL @ 6786'. Cmt'd w/1140 sx. Liner top sqz w/100 sx.

5" 18# CF-95 LT&C from 12,419'-14,240' TOL @ 12,419'. Cmt'd w/185 sx.

Tubing: 2-7/8" 6.5# N-80

TUBULAR DATA

Description	ID	Drift	Capacity (BPF)	Burst (PSI)	Collapse (PSI)
9-5/8" 40# S-95	8.835"	8.679"	.0758	6,820	4,230
7" 26# CS-95	6.276	6.151	.0382	8,600	7,600
5" 18# CF-95	4.276	4.151	.0177	12,040	11,880
2-7/8" 6.5# N-80	2.441	2.347	.00579	10,570	11,160

Perforated interval: 13,008'-14,176' 138' 414 holes.

WELL HISTORY

3-25-92 Initial completion. Perforated from 13,165'-14,176' w/3-1/8" csg gun loaded w/3 JSPF 120° phasing. Acidized w/12,000 gals 15% HCl with ball sealers. AIR 9.2 BPM ATP 8500 psi ISIP 2870 psi IP 1515 BOPD 17 BWPD 1123 MCFPD FTP 325 psi 40/64" chk.

4-27-92 Converted well to rod pump.
Prior Prod: Well dead
Prod After: 405 BOPD 10 BWPD 335 MCFPD

7-6-94 RIH w/casing patch. Patch interval 609'-639'. Added Wasatch perms 13,008'-14,173' 3 SPF 71' 213 holes. Acidized w/13,000 gals 15% HCl. ATR 21 BPM ATP 8100 psi ISIP 3540 psi. Good diversion. Returned well to rod pump.
Prior Prod: 0-0-0
Prod After: 77 BOPD 211 BWPD 56 MCFPD

PRESENT STATUS

SI

GREATER ALTAMONT FIELD
ANR, BROTHERRSON #2-2B5
SE/4 Sec. 2, T2S-R5W
Duchesne County, Utah

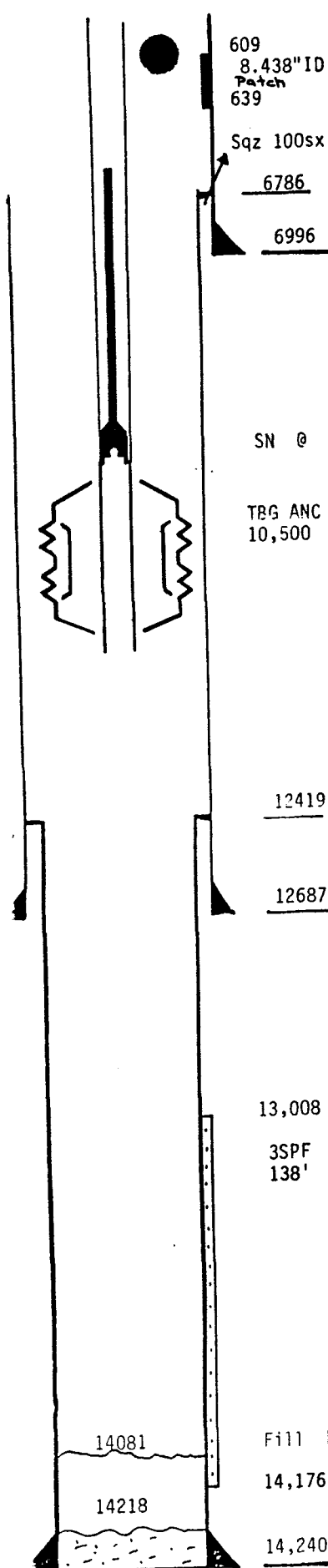
PERFORATION SCHEDULE

DEPTH REFERENCE: SCHLUMBERGER DLL, Run #1, 1-30-92; Run #2, 2-28-92

<u>Run #1:</u>	11,906	12,415	45
11,469	11,929	12,427	
11,479	11,957	12,439	
11,488	11,979	12,477	
		12,495	
11,552	12,025		
11,579	12,045	12,621	
11,587	12,055		
11,595	12,064	<u>Run #2:</u>	
	12,095	12,677	
11,621		12,686	
11,635	12,105	12,691	
11,643	12,132		
11,690	12,151	12,727	
11,695	12,170	12,745	
	12,195	12,767	
11,735		12,779	
11,738	12,248	12,797	
11,743	12,278		
11,755	12,291	12,813	
11,763		12,828	
	12,305	12,849	
11,801	12,312		
11,841	12,321	12,910	
11,884	12,334	12,928	
11,888	12,348	12,980	
	12,375		

65 total feet, 59 zones

P. T. Loeffler
December 20, 1994



Well No. 2-2B5
KB. 22'
9 5/8 "OD 40 LB. S-95 CSG. w/ 1750 SX
TOC @
7 "OD 26 LB. CS-95 CSG. w/ 1140 SX
TOC @ circ
5 "OD 18 LB. CF-95 CSG. w/ 185 SX
TOC @ circ

SN @ 10,391

TBG ANC
10,500

12419

12687

13,008

3SPF
138' 414 Holes

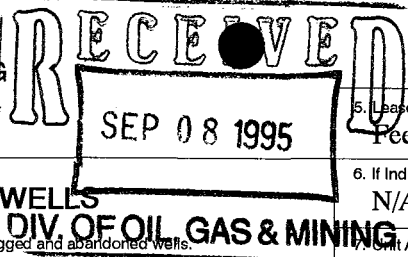
14081

Fill Possible Bridge

14218

14,176

14,240

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Brotherson #2-2B5

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-31302

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

10. Field and Pool, or Wildcat:

Bluebell/Altamont

4. Location of Well

Footages: 1034' FSL & 2464' FEL

County: Duchesne

QQ, Sec., T., R., M.: Section 2-T2S-R5W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|---|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Run 7" tie back, Perf | |

Date of work completion 3/14/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.

13.

Name & Signature:

Sheila Bremer

Title: Environmental & Safety Analyst Date: 09/06/95

(This space for State use only)

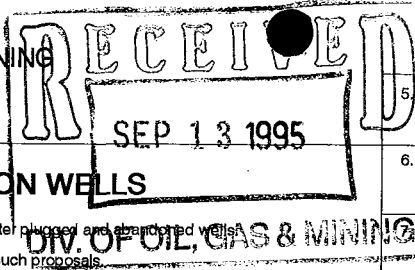
ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

PAGE 15

BROTHERSON #2-2B5 (CLEANOUT, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 83.308577% ANR AFE: 00540
TD: 14,240' PBD: 14,218'
5" @ 12,419'-14,240'
PERFS: 13,008'-14,176'
CWC(M\$): 167.4

3/13/95 RIH w/9% pkr.
MIRU PU #1455. POH w/rods & 1¼" pump. ND WH, NU BOP. Release 7" AC
@ 10,501'. POH w/2% tbg & BHA. ND 6" BOP, NU 10" BOP. CC: \$4,538

3/14/95 Operations suspended, WO change of scope AFE.
Set 9% RBP @ 789'. Test csg patch @ 609'-639' - patch would not
test. Est inj rate @ 0.25 BPM, 150#. RIs pkr & POH. ND 10" BOP, NU
6" BOP. RIH w/2% tbg to 10,494', SN @ 10,387'. ND BOP, NU WH. RIH
w/rods. RD PU #1455. Will prepare new AFE to run 7" tieback string.
Drop from report until further activity. CC: \$9,157

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Free

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Brotherson #2-2B5

2. Name of Operator:

ANR Production Company

9. API Well Number:

43-013-31302

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

10. Field and Pool, or Wildcat:

Bluebell/Altamont

4. Location of Well

Footages: 1034' FSL & 2464' FEL

County: Duchesne

QQ, Sec., T., R., M.: Section 2-T2S-R5W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input checked="" type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Perf _____ | |

Date of work completion 6/22/95

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for work performed on the subject well.

13.

Name & Signature:

Sheila Bremer

Title: Environmental & Safety Analyst Date: 09/11/95

(This space for State use only)

tax credit
12/8/95

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (REPAIR CSG, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 83.308577% ANR AFE: 00540 R1
TD: 14,240' PBD: 14,218'
5" @ 11,469'-14,176'
PERFS: 11,469'-14,176'
CWC(M\$): 269.9

PAGE 15

- 3/13/95 RIH w/9%" pkr.
MIRU PU #1455. POH w/rods & 1½" pump. ND WH, NU BOP. Release 7" AC @ 10,501'. POH w/2½" tbg & BHA. ND 6" BOP, NU 10" BOP. CC: \$4,538
- 3/14/95 Operations suspended. WO change of scope AFE.
Set 9%" RBP @ 789'. Test csg patch @ 609'-639' - patch would not test. Est inj rate @ 0.25 BPM, 150#. RIs pkr & POH. ND 10" BOP, NU 6" BOP. RIH w/2½" tbg to 10,494', SN @ 10,387'. ND BOP, NU WH. RIH w/rods. RD PU #1455. Will prepare new AFE to run 7" tieback string. Drop from report until further activity. CC: \$9,157
- 5/10/95 Finish POOH w/2½" tbg.
MIRU workover rig. POOH w/80 jts 2½" N-80 tbg to 7994'. CC: \$4,036
- 5/11/95 SD - WO csg.
POOH w/20 jts. RIH w/100 jts 2½" tbg. Landed tbg @ 10,500'. ND BOP's. RIH w/rods. RDMO. Drop from report until casing arrives. CC: \$6,477
- 5/19/95 Continue POOH w/2½" tbg.
MIRU workover rig. POOH w/121 - 1", 123 - ¾", 144 - ¾" & 20 - 1" rods. NU BOP. POOH w/80 jts 2½" tbg. CC: \$8,546
- 5/20/95 RIH w/9%" pkr.
Finish POH w/2½" tbg. SN, 4½" PBGA BHA. PU & RIH w/7" RBP, retrieving tool, 7" pkr & 2½" tbg. Set 7" RBP @ 6,902'. POOH w/2 jts 2½" tbg & set pkr @ 6,856'. Test plug to 2000#. POOH w/221 jts tbg. LD pkr & retrieving tool. RU Cutters. Spot 4 sx sand on RBP. RD Cutters. CC: \$15,306
- 5/21/95 Prep to run 7" tieback string.
RIH w/9%" tension pkr, 40 jts 2½" tbg. Set pkr @ 1249'. PT top of 7" liner @ 6786' & 9%" csg to 2000#. POOH & LD pkr. RIH w/8½" mill & 2½" tbg, tag 7" LT @ 6786'. POOH w/2½" tbg & mill. CC: \$18,737
- 5/22/95 Prep to cmt 7" tieback @ 6786'.
PU & RIH w/7" tieback collar, 1-jt 7" N-80 LT&C csg, float collar & 169 jts 7" csg. Tag 7" LT @ 6786'. CC: \$29,850
- 5/23/95 WOC.
RU Halliburton. Cmt'd 7" tieback w/290 sx Hi-Fill (11.0 ppg) and 180 sx Class H (16.4 ppg). Displace w/250 BW. Bumped plug, floats held. Had full circ throughout, cmt returns. Landed csg w/135,000#. WOC. CC: \$93,796
- 5/24/95 WOC, prep to CO tieback.
- 5/25/95 Prep to PT tieback.
ND 11" BOP, NU tbg head & 6" BOP. RIH w/6" bit, bit sub & 2½" tbg. Tag TOC @ 6687'. DO cmt & float collar from 6687' to 6752'. Drill cmt from 6752' to 6798' (TOL @ 6786'). Circ hole clean. CC: \$98,564
- 5/26/95 RIH w/5" CO tools.
PT 7" tieback @ 6786' to 2000# - held. RIH w/6" bit, circ sand off RBP from 6887' to 6902'. POH w/223 jts 2½" tbg, bit sub & 6" bit. RIH w/retrieving head & 223 jts 2½" tbg. Latch onto RBP @ 6902'. POOH w/223 jts 2½" tbg, retrieving head & 7" RBP. CC: \$101,580

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (REPAIR CSG, PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 83.308577% ANR AFE: 00540 R1

PAGE 16

5/27-29/95 SD for weekend & holiday.

5/30/95 Finish POOH w/CO tools.
RIH w/4½" mill & CO tools. RIH w/50 jts 2½" & 405 jts 2½" tbg, tag
@ 14,097'. CO to PBD @ 14,218'. POOH w/73 jts 2½" tbg to 11,970'.
CC: \$107,923

5/31/95 Finish RIH w/2½" P-105.
Finish POOH w/335 jts 2½" tbg. POOH & LD 50 jts 2½" tbg, bailer &
mill. RIH w/5" HD pkr & 240 jts 2½" P-105 tbg. CC: \$111,428

6/1/95 Finish POOH w/tbg.
RIH w/198 jts 2½" P-105 workstring. Getting excess drag in liner.
POOH w/128 jts 2½" P-105 to check pkr. CC: \$114,724

6/2/95 Prep to acidize.
Continue POOH w/310 jts 2½" P-105 workstring & 5" HD pkr. RIH w/new
5" HD pkr, 41 jts 2½" P-105 workstring, 5" No-Go & 400 jts 2½". Tag
5" LT @ 12,419' w/No-Go. POOH & LD 3 jts 2½". CC: \$117,788

6/3/95 Swab testing.
Set 5" HD pkr @ 13,650'. RU Dowell. Acidize perms @ 13,661'-14,176'
(171 holes) w/5500 gal 15% HCl w/additives, BAF (0.5 ppg), rock salt
(0.5 ppg) & 251 - 1.1 ball sealers. MTP 9860#, ATP 9000#, MTR 14
BPM, ATR 10 BPM. ISIP 3500#, 10 min SIP 0#. Had fair diversion, 320
BLTR. RD Dowell. RU swab. Made 5 swab runs. Rec 8 BLW/2 hrs, FFL
8700', oil cut 20%, pH 7. CC: \$137,502

6/4/95 Swab testing.
Made 24 swab runs. Rec 17 B0, 75 BLW/10 hrs, FFL 8700', oil cut
20%, pH 7, 9 BPH. CC: \$140,227

6/5/95 POOH & LD 2½" P-105 workstring & 5" pkr.
RD swab. Release 5" pkr @ 13,650'. POOH & LD 228 jts 2½" P-105 tbg.
CC: \$142,755

6/6/95 Finish RIH w/tbg.
Finish POOH w/210 jts 2½" P-105 workstring & 5" HD pkr. RU OWP &
perf from 12,928'-11,469' (3 SPF) as follows:

Run #	Interval	Feet	Holes	PSI	FL
1	12,427'-12,928'	18	54	0	9100'
2	12,105'-12,415'	15	45	0	9100'
3	11,755'-12,095'	15	45	0	9100'
4	11,469'-11,743'	15	45	0	9100'
Total		63	189		

No response after perf'g. RD OWP. RIH w/5" RBP, ball catcher,
retrieving tool, 5" pkr & 194 jts 2½" tbg. CC: \$157,402

6/7/95 Finish RIH w/3½" workstring.
Finish RIH w/224 jts 2½" tbg. Set 5" RBP @ 12,975'. LD 1-jt 2½"
tbg, set 5" pkr @ 12,945'. Test RBP to 2000# - held. Release pkr
and POOH w/417 jts 2½" tbg, 5" pkr, pup jt and retrieving tool. RIH
w/7" HD pkr, SN & 68 jts 3½" tbg. CC: \$163,453

6/8/95 Prep to acidize.
Finish RIH w/305 jts 3½" tbg. Set 7" HD pkr @ 11,380'. RU swab.
Made 8 runs. Rec 30 B0, 33 BLW/3 hrs, IFL 2600', FFL 2000'. CC:
\$167,512

ANR PRODUCTION COMPANY
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (REPAIR CSG. PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 83.308577% ANR AFE: 00540 R1

PAGE 17

6/9/95 RD swab.
RU Dowell. Acidize perfs @ 12,928'-11,469' (189 holes) w/6000 gals
15% HCl w/additives, BAF, rock salt and 300 - 1.1 SG ball sealers.
MTP 9100#, ATP 8500#, MTR 30 BPM, ATR 24 BPM. ISIP 3250#, 15 min SIP
94#. Had good diversion, 400 BLTR. RD Dowell, RU swab. Made 28
swab runs. Rec 78 BO, 144 BW/8 hrs, IFL 1900', FFL 1600', oil cut
70%, pH 5. CC: \$189,802

6/10/95 RIH w/2½" tbg.
RD swab. Release 7" HD pkr @ 11,380'. POOH & LD 373 jts 3½" tbg, SN
& 7" pkr. RIH w/retrieving tool for RBP & 100 jts 2½" tbg. CC:
\$194,728

6/11/95 RIH w/production tbg.
Finish RIH w/318 jts 2½" tbg. Latch onto RBP @ 12,975'. POOH w/2½"
tbg, retrieving tool & RBP. RIH w/4½" PBGA w/seat plug on end, SN,
7 jts 2½" tbg, 7" TAC and 100 jts 2½" tbg. CC: \$197,871

6/12/95 Well on pump.
Finish RIH w/23 jts 2½" tbg. ND BOP. Set 7" TAC @ 10,261'. Landed
tbg w/18,000# tension. RIH w/1½" rod pump, 10 - 1", 149 - ¾", 123 -
¾" and 133 - 1" rods. Seat pump @ 10,485'. PT tbg to 500#. NU WH.
Place well on pump. CC: \$213,983

6/12/95 Pmpd 58 BO, 120 BW, 86 MCF, 7.4 SPM, 14 hrs.

6/13/95 Pmpd 233 BO, 0 BW, 170 MCF, 7.4 SPM.

6/14/95 Pmpd 180 BO, 0 BW, 142 MCF, 7.4 SPM.

6/15/95 Pmpd 125 BO, 1 BW, 135 MCF, 7.4 SPM, 14 hrs. FL @ 4549' (SN @
10,485'). Down 10 hrs - peak load, well waxing off. Will hot oil.

6/16/95 Pmpd 117 BO, 66 BW, 138 MCF, 20 hrs. Hot oiled.

6/17/95 Pmpd 211 BO, 35 BW, 162 MCF.

6/18/95 Pmpd 234 BO, 1 BW, 175 MCF, 8.2 SPM. Will check FL.

6/19/95 Pmpd 196 BO, 0 BW, 158 MCF, 21 hrs. Hot oiled. FL @ 4743' (SN @
10,485'). Gas interference from wax buildup.

6/20/95 Pmpd 71 BO, 77 BW, 96 MCF - pump sticking.

6/21/95 Pmpd 83 BO, 146 BW, 96 MCF, 8.2 SPM, 14 hrs. Down 10 hrs - pump
change.

6/22/95 Pmpd 215 BO, 12 BW, 136 MCF, 8.2 SPM.

Prior prod: 0 BO, 0 BW, 0 MCF. Final report.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: *EH*

1	<i>LEC-7-57</i>
2	<i>DTS 8-FILE</i>
3	<i>VLD</i>
4	<i>RJT</i>
5	<i>EC</i>
6	<i>FILM</i>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 12-27-95)

TO (new operator)	<u>COASTAL OIL & GAS CORP</u>	FROM (former operator)	<u>ANR PRODUCTION CO INC</u>
(address)	<u>PO BOX 749</u>	(address)	<u>PO BOX 749</u>
	<u>DENVER CO 80201-0749</u>		<u>DENVER CO 80201-0749</u>
	<u>phone (303) 572-1121</u>		<u>phone (303) 572-1121</u>
	<u>account no. N 0230 (B)</u>		<u>account no. N0675</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>D13-31302</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 3-8-96)*
- See* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-96)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- ✓* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-11-96) (4-3-96/Indian) (4-15-96/Fee C.A.'s) (8-20-96/Indian C.A.'s)*
- See* 6. Cardex file has been updated for each well listed above.
- See* 7. Well file labels have been updated for each well listed above.
- 2* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-11-96)*
- 2* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety No. U605382-1 (\$80,000) United Pacific Ins. Co.

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files. * Upon Compl. of routing.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11, 1996. If yes, division response was made by letter dated 19 . (Same Bond as Coaster)

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: 1-7 1997.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/60311 This change involves Fee lease / non C.A. wells ~~only~~ in State lease wells.
C.A. & Indian lease wells will be handled on separate change.

9/60412 BLM / SL Appr. C.A.'s 4-11-96.

9/60820 BIA Appr. CA's 8-16-96.

9/60329 BIA Appr. Indian Lease wells 3-26-96.

WE711/34-35

* 9/61107 Lemicy 2-582 / 43-013-30 784 under review at this time; no chg. yet!

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

<p align="center">SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p>		5. Lease Designation and Serial Number: Fee
		6. If Indian, Allottee or Tribe Name: N/A
		7. Unit Agreement Name: N/A
		8. Well Name and Number: Brotherson #2-2B5
1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____		9. API Well Number: 43-013-31302
2. Name of Operator: Coastal Oil & Gas Corporation		10. Field and Pool, or Wildcat: Bluebell/Altamont
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		
4. Location of Well Footages: 1034' FSL & 2464' FEL County: Duchesne QQ, Sec., T., R., M.: Section 2-T2S-R5W State: Utah		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other Perf | |

Approximate date work will start _____ Upon Approval _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

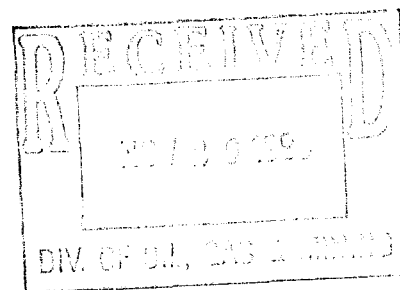
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached workover procedure for work to be performed on the subject well.



13.

Name & Signature: _____

Sheila Bremer

Sheila Bremer

Title Environmental & Safety Analyst

Date 11/22/96

(This space for State use only)

Matthews Petroleum Engineer

12/3/96

BROTHERSON #2-2B5
Section 2 T2S R5W
Altamont Field
Duchesne Co. Utah

PROCEDURE:

1. MIRU PU. POOH w/rods and pump. NDWH. Rlse TAC set @ 10,261'. NUBOP. POOH w/tbg.
2. MIRU Wireline Co. RIH w/5" 10K diff CIBP and set @ 12,975'. Perforate the following infill Upper Wasatch w/a 4" csg gun loaded w/3 JSPF, 120 degree phasing.

11,500-12,921 72' 216 holes

Tie into OWP CBL dated 3-16-92 for depth control. Monitor all fluid levels and pressures.

3. RIH w/retr pkr on 3-1/2" 9.3# P-110 tbg. Set pkr @ 11,450'. PT csg to 1000 psi.
4. MIRU Dowell to acidize interval from 11,469-12,928' w/12,000 gals 15% HCL in 3 stages per attached treatment schedule. MTP 9000 psi. Swab back load and test.
5. Rlse pkr, POOH
6. RIH w/4-1/2" PBGA, SN, 5 jts of 2-7/8" tbg, TAC on 2-7/8" tbg. Set SN @ 11,380'. RIH w/rods and pump. Pump size will be determined from swab rates.

**GREATER ALTAMONT FIELD
BROTHERSON #2-2B5
Section 2 - T2S - R5W
Duchesne County, Utah**

Upper Wasatch Perforation Schedule

Schlumberger Dual Laterolog Runs #1 & #2 Jan & Feb, 1992	O.W.P. Cement Bond Run #1 3/16/92	Schlumberger Dual Laterolog Runs #1 & #2 Jan & Feb, 1992	O.W.P. Cement Bond Run #1 3/16/92
11,500	11,493	12,039	12,033
11,505	11,498	12,051	12,045
11,517	11,511	12,099	12,093
11,527	11,521	12,110	12,103
11,532	11,526	12,118	12,111
11,542	11,536	12,144	12,138
11,548	11,542	12,183	12,176
11,582	11,577	12,246	12,239
11,585	11,580	12,253	12,246
11,593	11,588	12,262	12,254
11,601	11,595	12,353	12,346
11,611	11,604	12,363	12,356
11,627	11,620	12,386	12,379
11,660	11,654	12,395	12,388
11,671	11,664	12,446	12,439
11,700	11,692	12,450	12,445
11,706	11,699	12,456	12,451
11,722	11,716	12,471	12,466
11,770	11,763	12,492	12,485
11,792	11,785	12,509	12,502
11,797	11,790	12,533	12,525
11,799	11,792	12,535	12,527
11,810	11,803	12,537	12,529
11,825	11,818	12,558	12,552
11,850	11,843	12,566	12,560
11,870	11,864	12,575	12,569
11,914	11,907	12,659	12,655
11,935	11,929	12,710	12,706
11,937	11,931	12,791	12,788
11,951	11,944	12,866	12,863
11,962	11,955	12,870	12,867
11,964	11,957	12,873	12,870
11,982	11,975	12,878	12,875
11,988	11,981	12,906	12,904
11,995	11,987	12,916	12,913
12,012	12,005	12,921	12,918

72 ZONES

S. H. Laney 11/11/96

Well Name: Brotherson #2-2B5Date: 11/12/96

Fluid Description	Stage #	3% KCl (Gal)	Gelled 10 ppg Brine (Gal)	15 % Acid Vol. (Gal)	Ball Sealers (#, Sg)
Pad	1	4,200			
Acid	2			2,000	100
Divertor	3		2,500		
Acid	4			4,000	200
Divertor	5		1,500		
Acid	6			6,000	300
Flush	7	5,600			
Totals	(gals):	9,800	4,000	12,000	600, 1.1 S.G.
	(bbls):	233	95	286	

Gelled Saltwater to contain: 1/2 ppg BAF -----
1/2 ppg Rock Salt -----
0 ppg Wax Beads -----
Y Crosslinked? YF140 Crosslinked gel -----

Perforations from 11,469' - 12,928'
Packer set @ 11,450'

Treatment down 3 1/2" tubing @ 9,000 psi MTP

Brotherson 2-2BS

Altamont Field

6787' GL

6809' KB

9 5/8 40# S-95. Cmt'd 1750x

609
639 Casing Patch

6786

6996

11,469

12419

12697

Perfs 13,165-14,176 3/92

13,008-14,173 7/94

11,469-12,928 5/95

14,176

14240

7" 26# CS-95 Cmt'd w/ 1140 sx

7" 26# N-80 tied back to surf,
cmt'd w/ 470 sx. Circ to surf

5" 18# CF-95 Cmt'd w/ 185 sx

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Fee

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well:

OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

Brotherson #2-2B5

2. Name of Operator:

Coastal Oil & Gas Corporation

9. API Well Number:

43-013-31302

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

10. Field and Pool, or Wildcat:

Bluebell/Altamont

4. Location of Well

Footages: 1034' FSL & 2464' FEL

County: Duchesne

QQ, Sec., T., R., M.: Section 2-T2S-R5W

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT

(Submit Original Form Only)

- | | |
|--|--|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other perf _____ | |

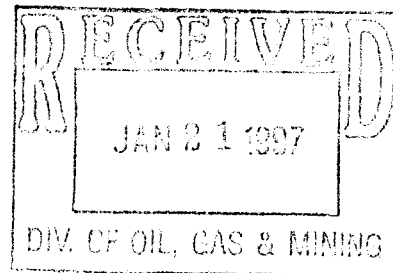
Date of work completion 1/8/97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the work performed on the subject well.



13.

Name & Signature:

Sheila Bremer

Title Environmental & Safety Analyst

Date

01/13/97

(This space for State use only)

NO tax credit 9/97.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (PERF & ACIDIZE)

ALTAMONT FIELD

DUCHESNE COUNTY, UT

WI: 83.43% AFE: 26708

TD: 14,240' PBTD: 14,218'

5" LINER @ 12,419'-14,240'

PERFS: 11,469'-14,176'

CWC(MS): 88.0

- 12/28/96 **POOH w/27/8" tbg.**
MIRU. Unhung pmpg unit, unseat pump from 10,485', flush tbg w/70 bbls treated fresh water, seat pump & test to 500#. POOH w/rods & 2 1/2"x1 3/4" pump. Reflush tbg w/80 bbls treated fresh water, change over for tbg. ND WH, unset TAC from 10,264', NU BOP. POOH w/27/8" tbg & BHA. EOT @ 8114'. CC: \$3298.
- 12/29/96 **Perf.**
POOH w/27/8" tbg & BHA. RU Cutters WLS. RIH & set CIBP @ 12,980'. POOH & RD WLS. CC: \$5340.
- 12/30/96 **Cont PU 3 1/2" P-110 tbg.**
SICP 0 psi. MIRU Cutters WLS. Perf Upper Wasatch 72', 216 holes, 11,500'-12,921', 3 SPF, 120° phasing 3 1/8" guns:
Run #1: 12,921'-12,535', 15 ft, 45 holes, FL 9800', psi 0
Run #2: 12,533'-12,446', 7 ft, 21 holes, FL 9800', psi 0.
4" guns:
Run #3: 12,395'-11,962', 20 ft, 60 holes, FL 9800', psi 0
Run #4: 11,951'-11,601', 20 ft, 60 holes, FL 9750', psi 0
Run #5: 11,593'-11,500', 10 ft, 30 holes, FL 9750', psi 0.
RDMO Cutters WLS. PU MSOT 7"x26# HD pkr. RIH, PU 3 1/2"x9.3# P-110 tbg, 150 jts. EOT @ 4746'. CC: \$26,404.
- 12/31/96 **Acidize Upper Wasatch 1/2/97.**
EOT @ 4746'. Cont PU 3 1/2" 9.3# P-110 tbg, 360 jts. Set 7"x26# HD pkr @ 11,433', fill csg w/254 bbls treated prod water, test 1000# 15 min, ok. CC: \$29,494.
- 1/1/97 SDFH.
- 1/2/97 **Cont swabbing.**
MIRU Dowell. Acidize perfs @ 11,469'-12,928' w/12,000 gal 15% HCL + 600 BS (SG 1.3) + diverter. MTP 9000#, ATP 8350#, MTR 40 BPM, ATR 28 BPM. ISIP 2000#, 5 min SIP 0#. Had good diversion, 650 BLTR. RDMO Dowell. RU swab equip. IFL @ 8000', pull from 9000' sand line parted 100' from sfc (left in tbg 100' line - 22' tools). Made 4 runs w/new swab tools, IFL 8000', rec 25 BW, FFL 7800', PH 7.0. CC: \$65,267.
- 1/3/97 **Rel 7" HD pkr.**
SITP 250#, blow dn 10 min. Start swabbing. IFL @ 4500', made 17 runs, rec 107 bbls - 10 BO, 97 BW, 10% oil cut, PH 4.5, EPH 13, FFL @ 6000', 543 BLTR. CC: \$69,189.
- 1/4/97 **POOH, LD 3 1/2" tbg.**
450 psi on tbg, bleed off. Rel 7" pkr, POOH & LD 3 1/2" tbg, EOT 4892'. CC: \$75,650.
- 1/5/97 **RIH w/27/8" & BHA.**
POOH w/3 1/2" P-110, LD pkr. PU BHA. RIH, EOT 7671'. CC: \$79,971.
- 1/6/97 **Well on production.**
EOT @ 7671'. Cont RIH w/27/8" prod tbg. ND BOP, set 7" TAC @ 11,228' w/20,000# tension, SN @ 11,388', EOT @ 11,427', NU WH, x/o equip to rods. PU & RIH w/2 1/2"x1 1/2" pump. Seat pump @ 11,388', fill tbg w/41 bbls treated fresh water, test 1000#. Place well on production. CC: \$90,669.
Pmpd 27 BO, 127 BLW, 36 MCF, 8.8 SPM, 13 hrs.
- 1/7/97 **RDMO.**
Ck well, pmpg good, RDMO. CC: \$96,847.
Pmpd 115 BO, 172 BW, 149 MCF, 8.8 SPM, 24 hrs.

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

BROTHERSON #2-2B5 (PERF & ACIDIZE)
ALTAMONT FIELD
DUCHESNE COUNTY, UT
WI: 83.43% AFE: 26708

1/8/97 Pmpd 85 BO, 163 BW, 144 MCF, 8.8 SPM, 24 hrs (run 94% on POC).
Prior production: **8 BO, 126 BW, 42 MCF.**
Final Report.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

368 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 13 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

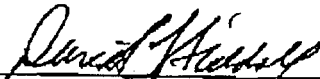
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

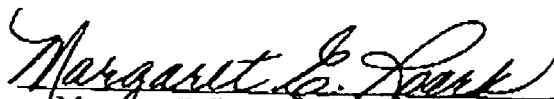
IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW	✓	5-LP
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.**Unit:****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
BROTHERSON 1-22B4	43-013-30227	1780	22-02S-04W	FEE	OW	P
BROTHERSON 2-22B4	43-013-31086	1782	22-02S-04W	FEE	OW	P
BROTHERSON 1-23B4R	43-013-30483	8423	23-02S-04W	FEE	OW	P
BROTHERSON 3-23B4	43-013-31289	11141	23-02S-04W	FEE	OW	P
BROTHERSON 1-24B4	43-013-30229	1865	24-02S-04W	FEE	OW	P
BROTHERSON 1-25B4	43-013-30668	9126	25-02S-04W	FEE	OW	P
BROTHERSON 1-26B4	43-013-30336	1856	26-02S-04W	FEE	OW	P
BROTHERSON 1-27B4	43-013-30185	4735	27-02S-04W	FEE	OW	P
BLEAZARD 2-28B4 (CA 96-81)	43-013-31304	11433	28-02S-04W	FEE	OW	P
YOUNG ETAL 1-29B4	43-013-30246	1791	29-02S-04W	FEE	OW	P
WEIKART 2-29B4	43-013-31298	11332	29-02S-04W	FEE	OW	P
LAWRENCE 1-30B4	43-013-30220	1845	30-02S-04W	FEE	OW	P
YOUNG 2-30B4	43-013-31366	11453	30-02S-04W	FEE	OW	P
CHRISTMAN BLANN 1-31	43-013-30198	4745	31-02S-04W	FEE	OW	P
GRIFFITHS 1-33B4 (CA 96-119)	43-013-30288	4760	33-02S-04W	FEE	OW	P
BELCHER 2-33B4 (CA 96-119)	43-013-30907	9865	33-02S-04W	FEE	OW	P
TEW 1-1B5	43-013-30264	1870	01-02S-05W	FEE	OW	P
MILES 2-1B5	43-013-31257	11062	02-02S-05W	FEE	OW	P
POTTER 1-2B5	43-013-30293	1826	02-02S-05W	FEE	OW	P
BROTHERSON 2-2B5	43-013-31302	11342	02-02S-05W	FEE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/05/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: 07/05/2001

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: 400JU0708
2. The **FORMER** operator has requested a release of liability from their bond on: COMPLETION OF OPERATOR CHANGE
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: COMPLETION OF OPERATOR CHANGE

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 8.15.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
2. NAME OF OPERATOR: El Paso E&P Company, LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street, Ste. 1900 CITY Denver STATE Co ZIP 80202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 291-6400		8. WELL NAME and NUMBER: Brotherson 2-2B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1034' FSL & 2464' FEL		9. API NUMBER: 4301331302
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 2 T2S R5W		10. FIELD AND POOL, OR WILDCAT: Wasatch

COUNTY: Duchesne

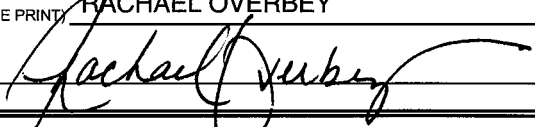
STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator performed the following work on the subject well between 5/14/08 and 6/8/08:
TOOH W/ RODS, PUMP AND TBG. SET 7" CIBP AT 11450' DUMP BAIL 10' CMT ON TOP OF PLUG. CMT TOP AT 11440'.
SET CIBP AND PRES TEST TO 1500 PSI. PREFORATE 4 INTERVALS 11409-11327', 11304-11215', 11206-10891' and
10830-10748' - 40' TOTAL, 109 SHOTS. SET PKR AT 9327' PRES TEST TO 1500 PSI. PUMP ACID BREAKDOWN.
PUMPED 5000 GAL 15% HCL ACID AND FLUSH PAST BTM PERF. FRAC WELL W/ 9204 LBS 100 MESH SAND IN 1/2
PPG STAGE AND 89682 LBS 20/40 SAND IN 1,2,3 STAGES. RIH W/ COIL TBG AND CLEAN OUT SAND TO CIBP AT
11450'. CIRC WELL CLEAN. RIH WITH 2-7/8" TBG. SET TAC AT 9634'. RIH W/ RODS. SEAT PUMP. PRESSURE TEST
WELL. HUNG WELL ON. POP 6/8/08.

NAME (PLEASE PRINT) RACHAEL OVERBEY	TITLE PRODUCTION TECHNICIAN
SIGNATURE 	DATE 6/26/2008

(This space for State use only)

RECEIVED

JUL 07 2008

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2012

FROM: (Old Operator):

N3065- El Paso E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

TO: (New Operator):

N3850- EP Energy E&P Company, L.P.
 1001 Louisiana Street
 Houston, TX. 77002

Phone: 1 (713) 997-5038

CA No.

Unit:

N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- Is the new operator registered in the State of Utah: Business Number: 2114377-0181
- (R649-9-2) Waste Management Plan has been received on: Yes
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 6/25/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA Not Received
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Second Oper Chg

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/29/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/29/2012
- Bond information entered in RBDMS on: 6/29/2012
- Fee/State wells attached to bond in RBDMS on: 6/29/2012
- Injection Projects to new operator in RBDMS on: 6/29/2012
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 103601420
- Indian well(s) covered by Bond Number: 103601473
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 400JU0705
- The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/29/2012

COMMENTS:

Disposal and Injections wells will be moved when UIC 5 is received.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

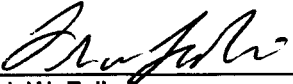
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Multiple Leases
2. NAME OF OPERATOR: El Paso E&P Company, L.P. Attn: Maria Gomez		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT: See Attached
STATE: UTAH		

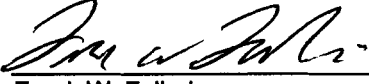
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.


Frank W. Falleri
Vice President
El Paso E&P Company, L.P.


Frank W. Falleri
Sr. Vice President
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) <u>Maria S. Gomez</u>	TITLE <u>Principal Regulatory Analyst</u>
SIGNATURE <u>Maria S. Gomez</u>	DATE <u>6/22/2012</u>

(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012
Rachael Medina
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
Rachael Medina

(See Instructions on Reverse Side)

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P	
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P	
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P	
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P	
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P	
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P	
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P	
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P	
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P	
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P	
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P	
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P	
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P	
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P	
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P	
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P	
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P	
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P	
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P	
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P	
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P	
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P	
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P	
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P	
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P	
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P	
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P	
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P	
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P	
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P	
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P	
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P	
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P	
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P	
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P	
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P	
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P	
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P	
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P	
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P	
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P	
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P	
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P	
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P	
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P	
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P	
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P	
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P	
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P	
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P	
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P	
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P	
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P	
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P	
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P	
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P	
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P	
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P	

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P	
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P	
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P	
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P	
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P	
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P	
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P	
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P	
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P	
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P	
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P	
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P	
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P	
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P	
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P	
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P	
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P	
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P	
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P	
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P	
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P	
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P	
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P	
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P	
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P	
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P	
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P	
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P	
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P	
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P	
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P	
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P	
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P	
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P	
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P	
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P	
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P	
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P	
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P	
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P	
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P	
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P	
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P	
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P	
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P	
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P	
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P	
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P	
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P	
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P	
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P	
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P	
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P	
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P	
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P	
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P	
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P	
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P	

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P	
OBERHANSKY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P	
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P	
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P	
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P	
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P	
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P	
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P	
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P	
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P	
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA	
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA	
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA	
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA	
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA	
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA	
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA	
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA	
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA	
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA	
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA	
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA	
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA	
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA	
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA	
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA	
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA	
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA	
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA	
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA	
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA	
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA	
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA	
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA	
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA	
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA	
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA	
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA	
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA	
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA	
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA	
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA	
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA	
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA	
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA	
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA	
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA	
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA	
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA	
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA	
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA	
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA	
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA	
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA	
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA	
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA	
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA	
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA	

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA	
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA	
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA	
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA	
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA	
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA	
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA	
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA	
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA	
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA	
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA	
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA	
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA	
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA	
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA	
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA	
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA	
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA	
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA	
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA	
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA	
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA	
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA	
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA	
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA	
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA	
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA	
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA	
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA	
OBERHANSKY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA	
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA	
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA	
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA	
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA	
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA	
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA	
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA	
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA	
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA	
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA	
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA	
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA	
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA	
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA	
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA	
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA	
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA	
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA	
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA	
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA	
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA	
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA	
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA	
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA	
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA	
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA	
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA	
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S	

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002		8. WELL NAME and NUMBER: BROTHERSON 2-2B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1034 FSL 2464 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 02 Township: 02.0S Range: 05.0W Meridian: U		9. API NUMBER: 43013313020000
PHONE NUMBER: 713 997-5038 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/30/2015
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER			
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text" value="See Below"/>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Upsize ESP & install drive.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 May 26, 2015

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 997-5038	TITLE Principal Regulatory Analyst
SIGNATURE N/A	DATE 5/25/2015	

CENTRAL DIVISION

ALTAMONT FIELD
BROTHERSON 2-2B5
BROTHERSON 2-2B5
WORKOVER LAND

Operation Summary Report

Disclaimer: Although the information contained in this report is based on sound engineering practices, the copyright owner(s) does (do) not accept any responsibility whatsoever, in negligence or otherwise, for any loss or damage arising from the possession or use of the report whether in terms of correctness or otherwise. The application, therefore, by the user of this report or any part thereof, is solely at the user's own risk.

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	BROTHERSON 2-2B5		
Project	ALTAMONT FIELD	Site	BROTHERSON 2-2B5
Rig Name/No.	NABORS DRILLING/1446	Event	WORKOVER LAND
Start date	1/26/2015	End date	1/31/2015
Spud Date/Time	12/11/1991	UWI	002-002-S 005-W 30
Active datum	KB @6,809.0ft (above Mean Sea Level)		
Afe No./Description	163969/52861 / BROTHERSON 2-2B5		

2 Summary

2.1 Operation Summary

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
1/27/2015	14:30 16:30	2.00	MIRU	01		P		ROAD RIG FROM 4-32B5 TO 2-2B5, MIRU
	16:30 18:00	1.50	PRDHEQ	16		P		TBG HAD 25 PSI BLEED OFF, N/D WELLHEAD, N/U BOPE, SHUT IN TBG W/ TIW VALVE & NIGHT CAP, VENT CSG TO TREATER, SDFN
1/28/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) TANK GAUGING
	7:00 8:30	1.50	PRDHEQ	16		P		N/U HYDRILL, R/U FLOOR & TONGS, X-O TO TBG EQUIPMENT, TIE BACK
	8:30 14:30	6.00	PRDHEQ	39		P		P/U ON TBG, L/D TBG HANGER, 1 JT & 8' & 6' SUBS, R/U SPOOLERS, POOH W/ ESP, 3/8" CAP STRING & 316 JTS 2 7/8", COLLAR STOP, 2 JTS, PSN, 2 JTS, DRAIN SUB, 2 JTS 2 7/8", CABLE HAD KINK IN IT, HAD TO STOP & REPAIR CABLE, CABLE CHECKS BAD, SEND IN FOR REPAIRS
	14:30 15:00	0.50	PRDHEQ	06		P		FLUSH PUMP W/ 5 BBLs 2% KCL
	15:00 16:30	1.50	PRDHEQ	39		P		L/D 6' TBG SUB, 2 7/8" X 2 3/8" X-OVER, 2-PUMPS, GAS SEP., SEAL, MOTOR, SENTINEL & CHEM. MANDRILL
	16:30 17:30	1.00	PRDHEQ	18		P		STEAM OFF FLOOR & BOPE, SHUT IN BLIND RAMS & LOCK THEM, VENT CSG TO TREATER. SDFN
1/29/2015	6:00 6:00	24.00	PRDHEQ	18		P		NO ACTIVITY, WAITING ON CABLE REPAIR
1/30/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) HYDRAULICALLY POWERED TONGS
	7:00 11:00	4.00	PRDHEQ	39		P		CSIP 0 PSI, IP/U ASSEMBLE ESP EQUIP., 2 3/8" CHEMICAL MANDRILL, SENTINEL, MOTOR, DUAL SEALS, INTAKE, 5-PUMPS, 2 3/8" X 2 7/8" X-O, 6' TBG SUB, HOOK UP 1/4" CAP TUBE, FLUSH CAP TUBE SW/ 30 GALS 50/50 GUYCAL & WATER
	11:00 18:00	7.00	PRDHEQ	39		P		RIH BANDING CABLE & 1/4" CAP STRING TO TBG W/ 221 JTS 2 7/8", P/U TBG HANGER SPLICE IN CAP TUBE, SPACE OUT CABLE, SHUT IN HYDRILL, VENT CSG TO TREATER, SI TBG W/ TIW VALVE W/ NIGHT CAP. SDFN.
1/31/2015	6:00 7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) LADDERS
	7:00 9:00	2.00	PRDHEQ	18		P		TSIP & CSIP 50 PSI, BLEED OFF WELL, SPLICE ON LOWER PIG TAIL, LAND TBG ON HANGER

2.1 Operation Summary (Continued)

Date	Time Start-End	Duratio n (hr)	Phase	Activit y	Sub	OP Code	MD from (ft)	Operation
	9:00 11:45	2.75	PRDHEQ	16		P		R/D TONGS & WORK FLOOR, N/D HYDRILL & BOPE, N/U WELL HEAD, R/U & TEST FLOW LINES, TIE CAP STRING TO CHEMICAL BARRELS, START ESP PUMPED UP IN 17 MINS.
	11:45 13:00	1.25	RDMO	02		P		RIG DOWN RIG, CLEAN LOCATION, SDFW. TWOTO.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1001 Louisiana, Houston, TX, 77002		8. WELL NAME and NUMBER: BROTHERRSON 2-2B5
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1034 FSL 2464 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 02 Township: 02.0S Range: 05.0W Meridian: U		9. API NUMBER: 43013313020000
PHONE NUMBER: 713 997-5138 Ext		9. FIELD and POOL or WILDCAT: ALTAMONT
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/15/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see attached proposed recompletion procedure along with current and post WBD's.		
<div style="color: red; font-weight: bold;"> Approved by the September 28, 2016 Oil, Gas and Mining </div> <div style="color: red; font-weight: bold;"> Date: _____ By: <u>Derek Duff</u> </div>		
NAME (PLEASE PRINT) Linda Renken		PHONE NUMBER 713 997-5138
SIGNATURE N/A		TITLE Sr. Regulatory Analyst
DATE 9/27/2016		

Brotherson 2-2 B5 - Recom Summary Procedure

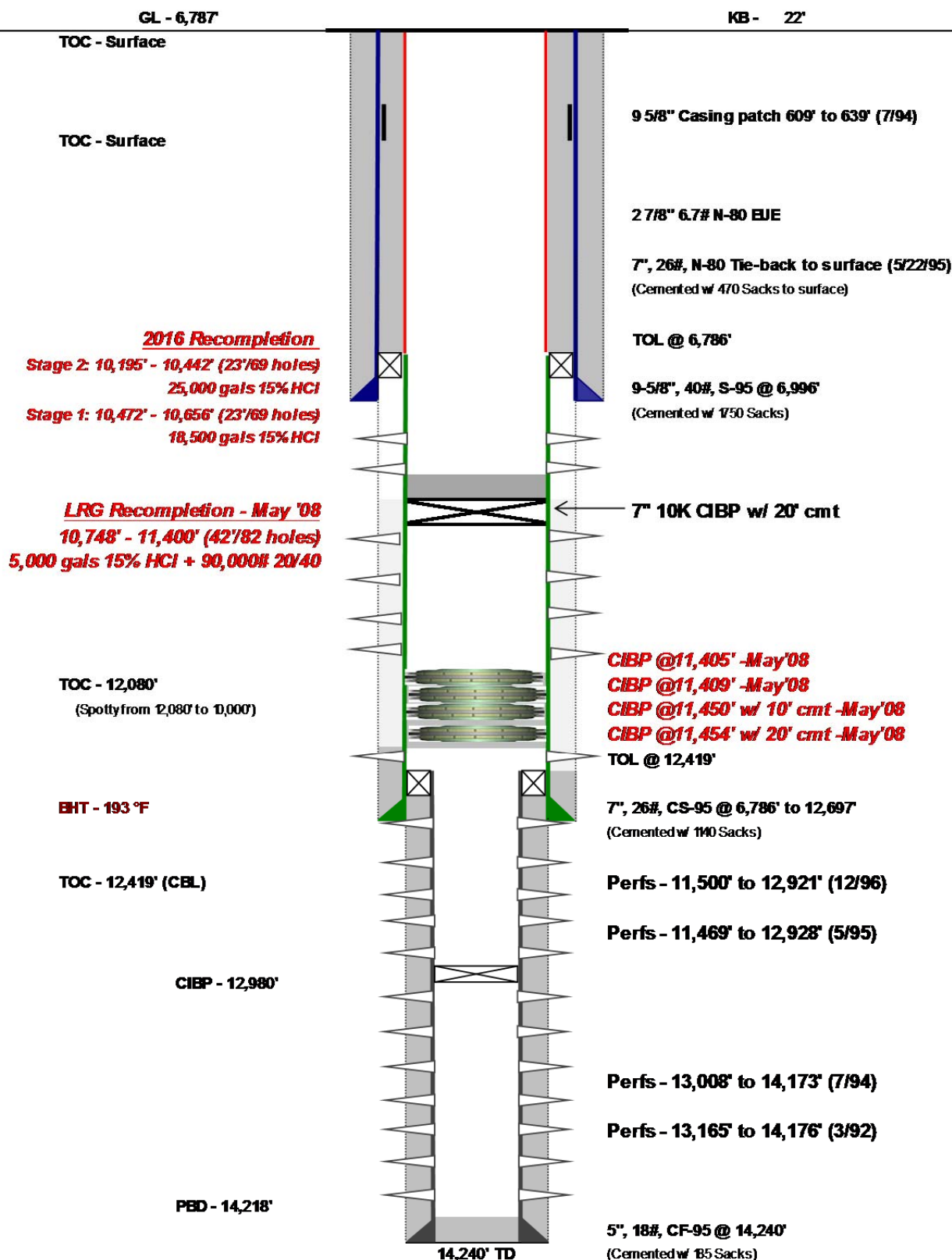
- POOH with ESP & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing.
- Set 10k CBIP for 7" 29# casing @ 10,735' w/ 15' cement dump bailed on plug.
- Perforate stage 1 and 2 as per information below.
- PU 7" RBP and PKR and isolate to isolate stage 1.
 - Perforate new CP 70 interval from **10,472' – 10,656'**.
 - Acid Frac Perforations with **18,500** gals 15% HCl acid (Stage 1 Recom).
- Move tools and isolate stage 2.
- Stage 2:
 - Perforate new LGR interval from **10,195' – 10,442'**.
 - Acid Frac Perforations with **25,000** gals 15% HCl acid (Stage 2 Recom).
- RIH w/ production tubing and rods, leaving cement and 7" 10k CIBP @ 10,735' w/ 15' CMT. Top perf BELOW plugs @ 10,748'.
- Clean location and resume production.



Proposed Recom Schematic

Well Name: Brotherson 2-2 B5
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, Utah
 Surface Location: 1,034' FSL & 2,464' FEL, SW/SE SEC. 2, T2S, R5W
 Producing Zone(s): Wasatch

Last Updated: 9/21/2016
 By: Fondren
 PBD: 12010
 API: 43-013-31302
 AFE: TBD





Current Wellbore Schematic

Well Name: Brotherson 2-2 B5
 Company Name: EP Energy
 Field, County, State: Altamont, Duchesne, Utah
 Surface Location: 1,034' FSL & 2,464' FEL, SW/SE SEC. 2, T2S, R5W
 Producing Zone(s): Wasatch

Last Updated: 9/21/2016
 By: Fondren
 PBTD: 12010
 API: 43-013-31302
 AFE: TBD

